



REPORT

2022 Semi-Annual Groundwater Monitoring and Corrective Action Report

*Georgia Power Company - Plant Scherer Cell 1 and PAC Ash Cell Permit No.
102.009D(LI)*

Submitted to:



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Summary

This *2022 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 February 2022. Groundwater monitoring and reporting for Cell 1 and PAC Ash Cell is performed by Golder Associates USA Inc. (Golder) 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 (AP-1) on site 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.

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.



Plant Scherer

The semi-annual groundwater monitoring event for Cell 1 and PAC Ash Cell was conducted in February 2022. A resampling event for several Cell 1 monitoring wells was conducted in May 2022 for select constituents. Groundwater elevation measurements were recorded at the monitoring wells prior to the 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 III CCR constituents from each of the monitoring wells.

Analytical data from the February 2022 monitoring event has been statistically analyzed in accordance with the Site's certified statistical analysis method. Results from the February 2022 semi-annual monitoring event including the verification resample conducted in May 2022 indicate statistically significant increases (SSIs) above the prediction limits for Appendix III CCR parameters as summarized below.

Cell 1	
Appendix III Constituent	February 2022
Calcium	GWC-8A
Sulfate	GWC-4
PAC Ash Cell	
Appendix III Constituent	February 2022
No SSIs were identified	

An alternate source demonstration (ASD) for the SSIs noted following the first semi-annual monitoring event will be prepared and submitted under separate cover following the options of § 257.94(e)(2). 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 semiannual monitoring event is tentatively scheduled for August 2022.

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Certification Statement

This *2022 Semi-Annual Groundwater Monitoring and Corrective Action Report*, Georgia Power Company - 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] and the Georgia Environmental Protection Division Rules for Solid Waste Management 391-3-4-.10 by a qualified groundwater scientist or engineer with Golder Associates. I hereby certify that I am a qualified groundwater scientist, in accordance with the Georgia Rules of Solid Waste Management, and 40 CFR Part 258.50(g).

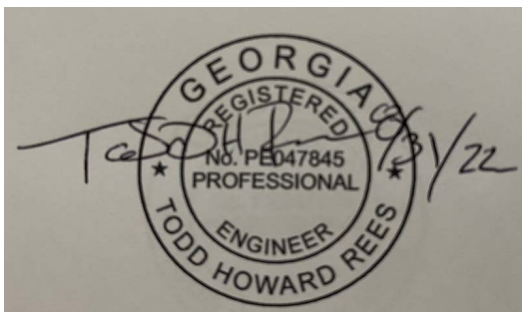
Golder Associates USA Inc. certifies that monitored constituents were below the applicable Georgia maximum contaminant levels.

Golder Associates USA Inc.



Rachel P. Kirkman, PG
Georgia Registered Professional Geologist No. 1756

I hereby certify that this *2022 Semi-Annual Groundwater Monitoring and Corrective Action Report*, Georgia Power Company Plant Scherer Cell 1 and Pac Ash Cell, located at 10986 Georgia 87, Juliette, Georgia 31046, has been prepared to meet the requirements of 40 CFR §257.90(e).



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1.0 INTRODUCTION

This 2022 Semi-Annual Groundwater Monitoring and Corrective Action Report has been prepared by Golder Associates USA Inc. (Golder) to present results of the first semi-annual monitoring event conducted in February 2022 for Georgia Power's Plant Scherer Cell 1 and Powdered Activated Carbon (PAC) Ash Cell (the Site). Monitoring and reporting for Plant Scherer is 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(LI); and, the Groundwater Monitoring Plan Narrative of the Design & Operations (D&O) Plan for Plant Scherer Coal Combustion By-Product CCB Disposal Facility, submitted by Southern Company Generation Engineering and Construction Services February 26, 2010. The D&O Plan includes a minor modification for coal combustion residuals (CCR) disposal in all cells approved by EPD November 20, 2017, and a minor modification to include Appendix III and IV parameters contained in 40 CFR 257, Subpart D approved by EPD August 9, 2017.

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 a 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 the disposal of CCR. The total disposal 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

The following section and subsections include a general description of regional geologic and hydrogeologic characteristics of formations that occur beneath the Site. Information presented in this section is based on published literature, discussion with local geologic experts, and experience working in this geologic terrain (Golder, 2020).

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 1100 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 (weather bedrock). 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 (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 (PWR) if blow counts were provided], transitionally weathered rock, and competent 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 as 168 feet. Thickness of saprolitic soils and/or saprolitic rock are variable across the Site. The saturated thickness of the overburden material ranges from 2 to over 40 feet. Based on review of the logs, the screen/filter pack interval for most of the piezometers and monitoring wells installed on site provides connection to the overburden, indicating that the Site is underlain by a regional groundwater aquifer that occurs within the overburden.

Field hydraulic conductivity tests (i.e., slug tests) performed in a variety of geologic materials onsite indicate an average horizontal hydraulic conductivity on the order of 10^{-4} centimeters per second (cm/s) with an average of 2.36 feet/day (ft/day); median 1.31 ft/day. This hydraulic conductivity is generally consistent with regional measurements within Piedmont overburden (Heath, 1982). In general, groundwater flow is potentially faster through the transitionally weathered zone; however, the magnitude of difference is nominal enough to not be considered relevant at this Site.

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. There are 20 monitoring wells at Cell 1 and 12 monitoring wells at the PAC Ash Cell. 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 describes monitoring-related activities performed during the first semi-annual monitoring period in 2022 and the resample of selected Cell 1 wells in May 2022. During the first semi-annual monitoring period, Golder collected groundwater, surface water and effluent samples between February 14 and February 16, 2022. A resample of several Cell 1 monitoring wells (GWC-1, GWC-4, GWC-5, GWC-10, GWC-18 and GWC-20) was conducted on May 12, 2022, for analysis of select constituents because coolers were lost during shipment. Table 2 presents the status of the monitoring well network for each unit.

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 2022; the network remained the same as in the previous reporting year. Monitoring well-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 2022, monitoring wells were inspected and documented on well condition summary forms included in Appendix C.

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. 102-009S(LI) and the Site's D&O Plan. 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 determine the surface water quality of the small tributaries traversing the Site. Following the 2017 permit modification, Georgia Power has added the Appendix III constituents to the surface water monitoring program. While in detection monitoring, Appendix III constituents will be included in semi-annual monitoring events at Cell 1 and PAC Ash Cell.

2.4 Effluent Monitoring

Effluent monitoring is performed semi-annually. A single effluent sample was collected in February 2022 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 ongoing site investigations and 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, Golder recorded groundwater elevations from each well and piezometer on February 8, 2022. Groundwater elevation data are summarized on Table 3. The recorded water level data were used to develop potentiometric surface elevation contours that are presented on Figures 3A and 3B. Review of Figures 3A and 3B

shows 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 2.36 ft/day is used in the flow calculations. Additional details are provided in the *Plant Scherer Proposed Coal Combustion By-Product Disposal Facility Site Acceptability Report* (Southern Company Services, 2007). The hydraulic gradients were calculated between well pairs as shown on 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:

$$V = \frac{K * i}{n_e} \quad \text{Where:}$$

$V =$ Groundwater flow velocity $\left(\frac{\text{feet}}{\text{day}}\right)$
 $K =$ Average Hydraulic Conductivity of the aquifer $\left(\frac{\text{feet}}{\text{day}}\right)$
 $i =$ Horizontal hydraulic gradient $\left(\frac{\text{feet}}{\text{feet}}\right)$
 $n_e =$ Effective porosity

Using this equation and groundwater elevations collected in the February 2022 sampling event, 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 0.22 to 0.41 ft/day (approximately 81 to 148 ft/year) across Cell 1 and PAC Ash Cell. These calculated groundwater velocities across the Site are generally consistent with historical calculations, therefore, confirming the groundwater monitoring network is properly located to monitor the uppermost aquifer for the landfills at Plant Scherer.

3.3 Groundwater Sampling

Groundwater samples were collected from Site detection monitoring wells during February 2022. Verification sampling was conducted in May 2022 for several monitoring wells for select constituents. Original and verification results for each well and surface water location are summarized on Tables 5A through 5D.

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) or 10% for DO > 0.5 mg/L (whichever is greater)
- Turbidity measurements less than 5 Nephelometric Turbidity Units (NTU).

Any deviation from stabilization criteria, if applicable, is 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 and instrument calibration forms are included in Appendix A. Chain-of-Custody records are provided in Appendix B.

3.4 Surface Water Sampling

During the 2022 sampling event, surface water locations SWA-1 through SWA-3 and SWC-4 through SWC-9 were sampled using applicable US EPA operating procedures (US EPA, 2016). Surface water samples were analyzed for target parameters, as indicated in the D&O Plan. The results of the February 2022 surface water sampling event are provided in Table 5D.

Review of Table 5D and a comparison of upstream to downstream results indicates 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 16, 2022, are provided in Appendix B.

3.6 Laboratory Analyses

Cell 1 and PAC Ash Cell monitoring wells were sampled and analyzed for applicable state and federal monitoring parameters pursuant to the 2010 D&O Plan and 2017 minor modification (Appendix III). Analytical methods used for groundwater monitoring parameters are provided in laboratory reports in Appendix B.

Laboratory analyses were performed by Eurofins TestAmerica Laboratory (TAL) located in Pittsburgh, Pennsylvania, which is accredited by National Environmental Laboratory Accreditation Program (NELAP) and maintains a NELAP certification for all parameters analyzed for this project. In addition, TAL 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 the 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.

Groundwater quality data in this report were independently validated in accordance with US EPA Region 4 Data Validation Standard Operating Procedures (US EPA, 2011), 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 are applied to the data per US EPA procedures and guidance. Data validation summary reports prepared by Golder are included in Appendix B. Flagged data identified in the statistical analysis reports are described in the following section. The data are considered usable for meeting project objectives and the results are considered valid.

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 level that can be reliably achieved within specified limits of precision and accuracy under routine laboratory operating conditions.

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). The 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 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 February 2022 detection monitoring event is compared to the calculated statistical limits (utilizing historical data through June 2021) 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 re-sample 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 nonparametric limits with small background sample sizes. 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. A minor modification for the incorporation of the two-step statistical analysis was approved by GA EPD on April 19, 2021.

4.2 Statistical Analysis Results

The calculated prediction limits and the statistical analysis (Sanitas) results are included in Appendix D. Following the statistical methods described above, including the 2-step analyses, the following table presents the SSIs noted following the first semi-annual monitoring event for 2022.

Statistically Significant Increase Summary

Well	Parameter	Concentration (mg/L) February / May 2022	Upper Prediction Limit (mg/L)
Cell 1			
GWC-4	Barium	0.055 / 0.060	0.051
GWC-4	Sulfate	20 / 33	6.29
GWC-8A	Calcium	49	45.47
PAC Ash Cell – No Exceedances			

Concentrations of Appendix I and Appendix III constituents are below respective prediction limits for each of the Cell 1 and PAC Ash Cell monitoring wells with the exceptions noted above. Apparent statistical exceedances for barium, calcium, and sulfate are noted for select monitoring wells at Cell 1. No statistical exceedances were identified in PAC Ash Cell monitoring wells.

5.0 ALTERNATE SOURCE DEMONSTRATIONS

In response to the SSIs of barium and sulfate at well GWC-4 downgradient of Cell 1, a forthcoming ASD will be submitted following the options of 40 CFR § 257.95 and 391-3-4-.10(6). The ASD will address the statistical exceedance above the prediction limit identified following the first semi-annual monitoring event in 2022. In support of the forthcoming ASD as well as previous ASDs, major ions were monitored during this sampling event. Data will be evaluated in support of the current and past ASDs. The ASD for barium and sulfate at GWC-4 is in progress and will be submitted under a separate cover in accordance with the schedule provided by the rule.

PREVIOUS SITE SOURCE DEMONSTRATIONS

ASDs have been previously prepared to address prior SSIs over background for Appendix I and Appendix III constituents at the site. These ASDs were previously submitted to GA EPD under separate report covers. 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 previous ASD documenting natural variability. 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	Status of Approval by GA EPD
Alternate Source Demonstration, Plant Scherer Cell 1 and PAC Ash Cell Permit	Calcium	GWC-8A	Submitted

Alternate Source Demonstration	Constituent	Well	Status of Approval by GA EPD
No. 102.009D(LI), 2021 First Semi-Annual Monitoring Event, November 19, 2021.	pH ^[1]	GWC-2	
	Zinc ^[1]	GWC-2	
Alternate Source Demonstration Plant Scherer Cell 1 and PAC Ash Cell Permit No. 102.009D(LI), 2021, April 21, 2022	Calcium	GWC-19	Submitted
	Nickel	GWC-2	

[1] Constituents pH and Zinc have not exceeded prediction limits for the past two consecutive events, as such the ASD is considered approved.

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 calcium, pH and zinc identified during the March/April 2021 event have been addressed by an ASD (Golder, 2021) and since pH and zinc have not exceeded prediction limits for two consecutive events, the ASD is considered approved. SSIs of nickel and calcium identified during the August/October 2021 sampling event have been addressed by an ASD (Golder, 2022b). The SSIs reported in the February/May 2022 monitoring events (barium, calcium, and sulfate) will be addressed in a forthcoming ASD under separate cover. As such, Cell 1 and PAC Ash Cell will remain in detection monitoring. The next semi-annual groundwater sampling event is scheduled for August 2022.

7.0 CONCLUSIONS

This 2022 *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.-10, and the 2010 D&O Plan. Samples were obtained between February 15 and 16, 2022 with resampling conducted on May 12, 2022. The groundwater flow direction and rates observed during 2022 are consistent with historical evaluations.

Review of analytical results and statistical analyses following the two-step analyses developed for the Site identify statistical exceedances following the first semi-annual 2022 sampling event. An ASD is underway to address each of these SSIs. The ASD will be submitted on or before November 25, 2022. 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 second semi-annual sampling event for 2022 was completed in August 2022.

8.0 REFERENCES

Georgia Environmental Protection Division, 2017. CCR Rule Compliance, Minor Modification Request to Add Appendix III & IV Sample Parameters to the Current Groundwater Monitoring Plan, Permit No. 102-009(DL), August 9, 2017.

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Tables

TABLE 1
SUMMARY OF MONITORING WELL AND PIEZOMETER CONSTRUCTION DATA
Georgia Power Company - Plant Scherer
Juliette, Georgia

Well ID	Hydraulic Location	Screened Matrix	NAD 83 Northing ^[1]	NAD 83 Easting ^[1]	Ground Surface Elevation at Concrete Pad (feet NAVD88)	Ground Surface Elevation (feet NAVD88) ^[2]	Top of Casing Elevation (feet NAVD88) ^[2]	Well Depth (ft BTOC) ^{[2][3]}	Top of Screen Elevation (feet NAVD88) ^[2]	Bottom of Screen Elevation (feet NAVD88) ^[2]	Screen Length (feet)	Date of Installation
GYPSUM CELL 1												
GWC-1	Downgradient	Overburden	1120077.85	2411555.32	371.77	371.6	374.95	39.35	346.91	336.91	10	10/28/2009
GWC-2	Downgradient	Overburden	1119816.59	2411493.53	377.02	376.9	380.22	57.82	332.12	322.12	10	10/8/2009
GWC-3	Downgradient	Overburden	1119615.01	2411201.98	409.97	409.6	412.66	49.46	373.20	363.20	10	10/29/2009
GWC-4	Downgradient	Overburden	1119255.96	2411041.82	408.50	408.4	411.75	42.85	378.70	368.70	10	11/21/2009
GWC-5	Downgradient	Overburden	1118897.72	2411025.88	393.37	393.3	396.69	38.22	372.84	362.84	10	10/22/2009
GWC-6	Downgradient	Bedrock	1118575.69	2410872.56	412.48	412.4	415.80	47.92	377.52	367.52	10	10/21/2009
GWC-7	Downgradient	Overburden	1118243.67	2410645.91	414.51	414.4	418.27	58.36	369.84	359.84	10	10/20/2009
GWC-8A	Downgradient	Overburden	1117917.32	2410375.16	398.65	398.6	401.62	48.02	364.30	354.30	10	3/29/2017
GWC-9	Downgradient	Overburden	1117955.40	2410167.75	383.21	382.8	386.18	19.87	376.02	366.02	10	11/4/2009
GWC-10	Downgradient	Overburden	1118306.77	2410018.28	389.49	388.9	392.87	39.48	367.50	357.50	10	11/3/2009
GWC-11	Downgradient	Overburden	1118648.98	2409778.84	399.21	398.8	402.33	33.52	377.81	367.81	10	11/3/2009
GWC-12	Downgradient	Overburden	1118977.87	2409554.57	409.66	409.2	412.89	37.23	384.94	374.94	10	11/3/2009
GWC-13	Downgradient	Overburden	1119338.68	2409390.95	416.71	416.5	419.77	42.76	386.52	376.52	10	11/2/2009
GWC-14	Downgradient	Overburden	1119655.05	2409111.75	400.41	400.2	403.60	28.43	386.09	376.09	10	11/4/2009
GWA-15	Upgradient	Overburden	1120009.40	2409282.43	412.00	411.7	415.01	28.31	395.51	385.51	10	11/4/2009
GWA-16	Upgradient	Overburden	1120248.68	2409579.75	441.01	440.9	444.24	58.33	396.71	386.71	10	10/13/2009
GWA-17	Upgradient	Overburden	1120210.57	2409946.73	442.92	442.8	445.84	46.32	409.27	399.27	10	9/28/2009
GWC-18	Downgradient	Overburden	1119998.73	2410261.85	436.40	436.3	439.66	62.86	389.49	379.49	10	9/29/2009
GWC-19	Downgradient	Overburden	1119645.70	2410713.20	426.34	426.3	430.20	73.90	382.45	372.45	10	10/2/2009
GWC-20	Downgradient	Overburden	1119950.51	2411195.38	423.03	423.0	426.30	72.93	363.85	353.85	10	10/6/2009

TABLE 1
SUMMARY OF MONITORING WELL AND PIEZOMETER CONSTRUCTION DATA
Georgia Power Company - Plant Scherer
Juliette, Georgia

Well ID	Hydraulic Location	Screened Matrix	NAD 83 Northing ^[1]	NAD 83 Easting ^[1]	Ground Surface Elevation at Concrete Pad (feet NAVD88)	Ground Surface Elevation (feet NAVD88) ^[2]	Top of Casing Elevation (feet NAVD88) ^[2]	Well Depth (ft BTOC) ^{[2][3]}	Top of Screen Elevation (feet NAVD88) ^[2]	Bottom of Screen Elevation (feet NAVD88) ^[2]	Screen Length (feet)	Date of Installation
PAC ASH CELL												
GWA-21	Upgradient	Overburden	1120675.73	2409462.70	419.81	419.7	422.58	19.88	412.04	402.04	10	6/29/2010
GWA-22	Upgradient	Overburden/Bedrock	1120962.12	2409473.22	442.01	442.0	444.50	42.49	412.29	402.29	10	6/30/2010
GWC-29	Downgradient	Overburden	1119875.58	2408717.95	396.98	396.9	399.64	27.12	382.78	372.78	10	6/28/2010
GWA-45	Upgradient	Overburden	1120669.03	2407889.56	448.33	448.3	451.08	35.81	425.99	415.99	10	6/23/2010
GWA-46	Upgradient	Overburden	1120783.23	2408235.69	458.37	458.3	461.13	46.31	424.38	414.38	10	6/23/2010
GWA-47	Upgradient	Overburden	1120862.63	2408585.01	463.03	462.9	465.77	57.87	421.74	411.74	10	6/22/2010
GWA-48	Upgradient	Overburden	1120953.42	2408939.48	459.00	458.8	461.73	74.89	407.74	397.74	10	6/22/2010
GWA-49	Upgradient	Overburden	1121030.08	2409288.38	430.16	429.9	432.88	40.02	401.81	391.81	10	6/21/2010
GWC-50	Downgradient	Overburden	1119917.51	2408956.10	404.44	404.3	407.16	37.82	380.88	370.88	10	6/28/2010
GWC-51	Downgradient	Overburden	1119835.51	2408436.95	407.37	407.3	410.15	29.87	393.78	383.78	10	7/27/2010
GWC-52	Downgradient	Overburden	1119972.34	2408203.99	414.43	414.4	417.13	32.75	394.53	384.53	10	6/24/2010
GWC-53	Downgradient	Overburden	1120319.65	2407943.05	433.10	432.9	435.83	30.93	412.84	402.84	10	6/23/2010

TABLE 1
SUMMARY OF MONITORING WELL AND PIEZOMETER CONSTRUCTION DATA
Georgia Power Company - Plant Scherer
Juliette, Georgia

Well ID	Hydraulic Location	Screened Matrix	NAD 83 Northing ^[1]	NAD 83 Easting ^[1]	Ground Surface Elevation at Concrete Pad (feet NAVD88)	Ground Surface Elevation (feet NAVD88) ^[2]	Top of Casing Elevation (feet NAVD88) ^[2]	Well Depth (ft BTOC) ^{[2][3]}	Top of Screen Elevation (feet NAVD88) ^[2]	Bottom of Screen Elevation (feet NAVD88) ^[2]	Screen Length (feet)	Date of Installation
CELL 3												
GWC-30	Downgradient	Overburden/Bedrock	1119366.69	2408976.35	392.19	392.0	394.49	21.5	384.04	374.04	10	1/24/2020
GWC-31	Downgradient	Overburden	1118970.00	2409062.02	390.13	390.0	392.78	21.8	380.68	370.68	10	1/23/2020
GWC-32	Downgradient	Overburden	1118749.53	2409084.83	407.25	406.9	410.03	38.1	381.95	371.95	10	1/21/2020
GWC-33A	Downgradient	Overburden	1118458.68	2409359.58	391.32	390.9	393.96	27.1	376.87	366.87	10	5/7/2020
GWC-34	Downgradient	Overburden	1118248.26	2409680.41	386.48	386.2	389.29	22.1	377.23	367.23	10	1/13/2020
GWC-35	Downgradient	Overburden	1117860.46	2409906.21	385.35	385.1	387.90	22.8	375.10	365.10	10	1/12/2020
GWC-36	Downgradient	Overburden	1117561.29	2409681.44	422.52	422.0	425.12	48.5	386.62	376.62	10	1/10/2020
GWC-37	Downgradient	Overburden	1117239.70	2409636.56	427.38	427.2	429.80	44.6	395.23	385.23	10	1/8/2020
GWC-38	Downgradient	Overburden	1116786.45	2409533.11	416.23	416.0	418.68	41.7	386.98	376.98	10	1/7/2020
GWA-39	Upgradient	Bedrock	1116967.57	2408671.68	454.59	454.2	457.62	62.4	405.24	395.24	10	12/20/2019
GWA-40	Upgradient	Overburden	1117365.24	2408730.04	461.25	461.2	463.84	47.5	427.15	417.15	10	12/18/2020
GWA-41	Upgradient	Overburden	1118096.97	2408412.15	431.70	431.4	434.12	46.7	403.75	393.75	10	1/26/2020
GWA-42	Upgradient	Overburden	1118500.68	2408233.53	402.57	402.2	405.19	21.8	393.37	383.37	10	1/27/2020
GWA-43	Upgradient	Overburden	1118861.38	2408484.42	398.42	398.1	400.94	21.8	389.12	379.12	10	1/26/2020
GWA-44A	Upgradient	Overburden	1119296.99	2408569.76	396.83	396.5	399.62	23.9	386.58	376.58	10	5/21/2020
GWA-54	Upgradient	Bedrock	1117751.40	2408588.52	448.78	448.6	451.49	51.7	409.83	399.83	10	12/21/2020

Notes:

ft = feet; feet bgs = feet below ground surface; ft BTOC = feet below top of casing; Kh = horizontal hydraulic conductivity; Kv = vertical hydraulic conductivity

(1) Coordinates in North American Datum (NAD) 1983, State Plane, Georgia-West, feet.

(2) Vertical elevations are in feet relative to the North American Vertical Datum (NAVD) 1988.

(3) Total well depth accounts for sump if data provided on well construction logs.

(4) Survey data provided by Jordan Engineering, Inc., July 2020.

TABLE 2
GROUNDWATER SAMPLING EVENT SUMMARY
 Georgia Power Company - Plant Scherer
 Juliette, Georgia

Well ID	Hydraulic Location	Summary of Sampling Event	Status of Monitoring Well
		February 2022	
Purpose of Sampling Event		Detection	
CELL 1			
GWA-15	Upgradient	X	Detection
GWA-16	Upgradient	X	Detection
GWA-17	Upgradient	X	Detection
GWC-1	Downgradient	X	Detection
GWC-2	Downgradient	X	Detection
GWC-3	Downgradient	X	Detection
GWC-4	Downgradient	X	Detection
GWC-5	Downgradient	X	Detection
GWC-6	Downgradient	X	Detection
GWC-7	Downgradient	X	Detection
GWC-8A	Downgradient	X	Detection
GWC-9	Downgradient	X	Detection
GWC-10	Downgradient	X	Detection
GWC-11	Downgradient	X	Detection
GWC-12	Downgradient	X	Detection
GWC-13	Downgradient	X	Detection
GWC-14	Downgradient	X	Detection
GWC-18	Downgradient	X	Detection
GWC-19	Downgradient	X	Detection
GWC-20	Downgradient	X	Detection

TABLE 2
GROUNDWATER SAMPLING EVENT SUMMARY
 Georgia Power Company - Plant Scherer
 Juliette, Georgia

Well ID	Hydraulic Location	Summary of Sampling Event	Status of Monitoring Well
		February 2022	
Purpose of Sampling Event		Detection	
PAC ASH CELL			
GWA-21	Upgradient	X	Detection
GWA-22	Upgradient	X	Detection
GWA-45	Upgradient	X	Detection
GWA-46	Upgradient	X	Detection
GWA-47	Upgradient	X	Detection
GWA-48	Upgradient	X	Detection
GWA-49	Upgradient	X	Detection
GWC-29	Downgradient	X	Detection
GWC-50	Downgradient	X	Detection
GWC-51	Downgradient	X	Detection
GWC-52	Downgradient	X	Detection
GWC-53	Downgradient	X	Detection

TABLE 3
SUMMARY OF GROUNDWATER ELEVATIONS
Georgia Power Company - Plant Scherer
Juliette, Georgia

Well ID	Top of Casing Elevation (Feet MSL) (certified 7/17/2020)	Groundwater Elevation (Feet MSL)
		2/8/2022
CELL 1		
GWC-1	374.95	364.85
GWC-2	380.22	379.63
GWC-3	410.44	375.72
GWC-4	411.75	379.94
GWC-5	396.69	377.82
GWC-6	415.80	377.73
GWC-7	418.27	376.56
GWC-8A	401.62	379.84
GWC-9	386.18	379.77
GWC-10	392.87	383.29
GWC-11	402.33	386.00
GWC-12	412.89	389.92
GWC-13	419.77	391.67
GWC-14	403.60	392.28
GWA-15	415.01	405.47
GWA-16	444.24	413.45
GWA-17	445.84	416.21
GWC-18	439.66	406.24
GWC-19	430.20	392.92
GWC-20	426.30	382.08

TABLE 3
SUMMARY OF GROUNDWATER ELEVATIONS
Georgia Power Company - Plant Scherer
Juliette, Georgia

Well ID	Top of Casing Elevation (Feet MSL) (certified 7/17/2020)	Groundwater Elevation (Feet MSL)
		2/8/2022
PAC ASH CELL		
GWA-21	422.58	419.87
GWA-22	444.50	423.13
GWC-29	399.64	394.61
GWA-45	451.08	438.17
GWA-46	461.13	430.20
GWA-47	465.77	426.97
GWA-48	461.73	425.50
GWA-49	432.88	425.11
GWC-50	407.16	400.12
GWC-51	410.15	402.04
GWC-52	417.13	408.11
GWC-53	435.83	426.40
CELL 3		
GWA-39	457.62	431.80
GWA-40	463.84	431.97
GWA-41	434.12	424.99
GWA-42	405.19	400.97
GWA-43	400.94	397.46
GWA-44	399.33	399.33
GWA-44A	399.62	396.34
GWA-54	451.49	427.57
GWC-30	394.49	389.34
GWC-31	392.78	387.83
GWC-32	410.03	387.28
GWC-33	434.87	434.87
GWC-33A	393.96	384.64
GWC-34	389.29	382.25
GWC-35	387.90	383.77
GWC-36	425.12	394.88
GWC-37	429.80	407.60
GWC-38	418.68	408.40

Notes:

Feet MSL = feet above mean sea level

NM = Not Measured

TABLE 4
HORIZONTAL GROUNDWATER VELOCITY CALCULATIONS - February 2022
 Georgia Power Company - Plant Scherer
 Juliette, Georgia

Flow Paths	Groundwater Elevation (feet msl)	Δ H (feet) ¹	Δ L (feet) ²	Hydraulic Gradient (Δ H/Δ L) ³	Average Hydraulic Conductivity, K (feet per day) ⁵	Assumed Effective Porosity (n _e) ⁶	Average Linear Groundwater Velocity	
							(feet per day) ⁴	(feet per year) ⁴
Cell 1:								
GWA-17/GWC-7	416.21	39.65	2110	0.019	2.36	0.2	0.22	81
	376.56							
GWC-19/GWC-3	392.92	17.20	500	0.034	2.36	0.2	0.41	148
	375.72							
PAC Ash:								
GWA-45/GWC-51	438.17	36.13	1062	0.034	2.36	0.2	0.40	147
	402.04							
GWA-47/GWC-50	426.97	26.85	1020	0.026	2.36	0.2	0.31	113
	400.12							

Notes:

1. Δ H = Change in groundwater elevation
2. Δ L = Distance along flow path
3. $I = \Delta H / \Delta L$
4. Velocity = $(I * K) / n_e$
5. Hydraulic conductivity range based on historic aquifer performance tests
6. Effective porosity based on default values for effective porosity recommended by USEPA for a silty sand-type soil (USEPA, 1996)

TABLE 5A
ANALYTICAL DATA SUMMARY - CELL 1- FEBRUARY 2022
 Georgia Power Company - Plant Scherer
 Juliette, Georgia

Analyte	Units	GROUNDWATER MONITORING WELLS											
		GWA-15	GWA-16	GWA-17	GWC-1	GWC-2	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
		2/15/2022	2/15/2022	2/15/2022	2/15/2022	2/15/2022	2/15/2022	2/15/2022	2/15/2022	2/15/2022	2/15/2022	2/15/2022	2/15/2022
APPENDIX III													
BORON, TOTAL	mg/L	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	0.19	< 0.060	< 0.060	0.13	0.070 J
CALCIUM, TOTAL	mg/L	3.6	10	7.1	16	16	6.0	15	36	15	13	49	16
CHLORIDE, TOTAL	mg/L	6.5	1.6	1.4	4.0	2.2	2.7	11	16	6.1	2.7	9.1	3.7
FLUORIDE, TOTAL	mg/L	0.054 J	0.079 J	0.083 J	0.12 / 0.048 J*	0.072 J	0.092 J	0.13	0.16 / 0.03 J*	0.095 J	0.083 J	0.096 J	0.096 J
pH	S.U.	5.40	6.46	6.20	6.83 / 6.55*	6.61	5.87	6.37 / 6.19 *	6.16 / 5.99*	6.10	6.22	6.34	6.61
SULFATE, TOTAL	mg/L	2.6	< 0.76	< 0.76	1.5	0.79 J	0.91 J	20 / 33*	100	13	< 0.76	11	7.2
TOTAL DISSOLVED SOLIDS	mg/L	42	99	79	120	120	53	140	290	140	140	330	140
STATE PARAMETERS													
ANTIMONY, TOTAL	mg/L	< 0.00051	< 0.00051	< 0.00051	< 0.00051	< 0.00051	< 0.00051	< 0.00051	< 0.00051	< 0.00051	< 0.00051	< 0.00051	< 0.00051
ARSENIC, TOTAL	mg/L	< 0.00028	< 0.00028	< 0.00028	< 0.00028	< 0.00028	< 0.00028	< 0.00028	< 0.00028	< 0.00028	< 0.00028	0.00047 J	< 0.00028
BARIUM, TOTAL	mg/L	0.012	0.024	0.031	0.052	0.048	0.013	0.055 / 0.060*	0.038	0.057	0.035	0.048	0.023
BERYLLIUM, TOTAL	mg/L	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027
CADMIUM, TOTAL	mg/L	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022
CHROMIUM, TOTAL	mg/L	< 0.0015	0.0056	0.0084	0.011	0.011	0.0076	0.0041	0.0061	0.0046	0.0088	< 0.0015	0.0079
COBALT, TOTAL	mg/L	0.0029	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026	0.0037	< 0.00026
COPPER, TOTAL	mg/L	< 0.0011	< 0.0011	< 0.0011	0.0013 J	0.0013 J	0.0013 J	0.0011 J	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011
LEAD, TOTAL	mg/L	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017
MERCURY, TOTAL	mg/L	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013
NICKEL, TOTAL	mg/L	0.00065 J	< 0.00052	< 0.00052	0.00052 J	0.0018	0.0013	0.00076 J	0.0010	0.00089 J	< 0.00052	0.0055	< 0.00052
SELENIUM, TOTAL	mg/L	< 0.00074	< 0.00074	< 0.00074	< 0.00074	< 0.00074	< 0.00074	0.0013 J	0.0058	< 0.00074	< 0.00074	< 0.00074	< 0.00074
SILVER, TOTAL	mg/L	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022
THALLIUM, TOTAL	mg/L	< 0.00047	< 0.00047	< 0.00047	< 0.00047	< 0.00047	< 0.00047	< 0.00047	< 0.00047	< 0.00047	< 0.00047	< 0.00047	< 0.00047
VANADIUM, TOTAL	mg/L	< 0.00078	0.0077	0.0052	0.018	0.016	0.0064	0.0059	0.0026	0.0094	0.013	0.00079 J	0.017
ZINC, TOTAL	mg/L	< 0.0029	< 0.0029	< 0.0029	< 0.0029	< 0.0029	< 0.0029	< 0.0029	0.0034 J	< 0.0029	0.0037 J	< 0.0029	< 0.0029

- NOTES:**
1. mg/L - Milligrams per Liter; SU - Standard Units.
 2. < indicates the substance was not detected above the analytical method detection limit (MDL). The value displayed is the MDL.
 3. J indicates the substance was detected at such low levels that the precision of the laboratory instruments could not produce a reliable value. Therefore, the value displayed is qualified by the laboratory as an estimated number.
 - 4 * indicates the analyte was resampled on May 12, 2022. Both the February and May 2022 sample results are shown.

TABLE 5A
ANALYTICAL DATA SUMMARY - CELL 1- FEBRUARY 2022
 Georgia Power Company - Plant Scherer
 Juliette, Georgia

Analyte	Units	GROUNDWATER MONITORING WELLS							
		GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
		2/15/2022	2/16/2022	2/16/2022	2/16/2022	2/16/2022	2/16/2022	2/16/2022	2/16/2022
APPENDIX III									
BORON, TOTAL	mg/L	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060
CALCIUM, TOTAL	mg/L	17	12	1.1	6.7	6.3	9.7	15	13
CHLORIDE, TOTAL	mg/L	4.6	1.7	1.9	1.5	3.2	2.7	2.4	2.0
FLUORIDE, TOTAL	mg/L	0.099 J	< 0.026	< 0.026	< 0.026	< 0.026	0.034 J	0.028 J	< 0.026
pH	S.U.	6.48 / 6.31	6.16	5.11	5.79	5.60	6.54 / 6.39*	6.47	6.71 / 6.52*
SULFATE, TOTAL	mg/L	3.5 / 2.7*	< 0.76	< 0.76	< 0.76	< 0.76	< 0.76	< 0.76	< 0.76
TOTAL DISSOLVED SO	mg/L	150	79	16	55	46	70	110	110
STATE PARAMETERS									
ANTIMONY, TOTAL	mg/L	< 0.00051	< 0.00051	< 0.00051	< 0.00051	< 0.00051	< 0.00051	< 0.00051	< 0.00051
ARSENIC, TOTAL	mg/L	< 0.00028	< 0.00028	< 0.00028	< 0.00028	< 0.00028	< 0.00028	< 0.00028	< 0.00028
BARIUM, TOTAL	mg/L	0.036	0.018	0.018	0.035	0.011	0.034	0.027	0.030
BERYLLIUM, TOTAL	mg/L	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027
CADMIUM, TOTAL	mg/L	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022
CHROMIUM, TOTAL	mg/L	0.021	0.0074	< 0.0015	0.0050	< 0.0015	0.012	0.011	0.0081
COBALT, TOTAL	mg/L	< 0.00026	< 0.00026	0.00033 J	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026
COPPER, TOTAL	mg/L	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011
LEAD, TOTAL	mg/L	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017
MERCURY, TOTAL	mg/L	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	0.00015 J
NICKEL, TOTAL	mg/L	0.0022	0.00070 J	0.00076 J	< 0.00052	< 0.00052	< 0.00052	< 0.00052	0.00055 J
SELENIUM, TOTAL	mg/L	< 0.00074	< 0.00074	< 0.00074	< 0.00074	< 0.00074	< 0.00074	< 0.00074	< 0.00074
SILVER, TOTAL	mg/L	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022
THALLIUM, TOTAL	mg/L	< 0.00047	< 0.00047	< 0.00047	< 0.00047	< 0.00047	< 0.00047	< 0.00047	< 0.00047
VANADIUM, TOTAL	mg/L	0.012	0.0099	< 0.00078	0.0011	0.00091 J	0.0066	0.0068	0.018
ZINC, TOTAL	mg/L	< 0.0029	0.0034 J	0.0032 J	0.0040 J	< 0.0029	< 0.0029	< 0.0029	< 0.0029

NOTES:

1. mg/L - Milligrams per Liter; SU - Standard Units.
2. < indicates the substance was not detected above the analytical method detection limit (MDL). The value displayed is the MDL.
3. J indicates the substance was detected at such low levels that the precision of the laboratory instruments could not produce a reliable value. Therefore, the value displayed is qualified by the laboratory as an estimated number.
- 4 * indicates the analyte was resampled on May 12, 2022. Both the February and May 2022 sample results are shown.

TABLE 5B
ANALYTICAL DATA SUMMARY - PAC ASH CELL - FEBRUARY 2022
 Georgia Power Company - Plant Scherer
 Juliette, Georgia

Analyte	Units	GROUNDWATER MONITORING WELLS											
		GWA-21	GWA-22	GWA-45	GWA-46	GWA-47	GWA-48	GWA-49	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
		2/14/2022	2/15/2022	2/14/2022	2/14/2022	2/14/2022	2/14/2022	2/14/2022	2/14/2022	2/14/2022	2/15/2022	2/14/2022	2/14/2022
APPENDIX III													
BORON, TOTAL	mg/L	< 0.060	< 0.060	0.86	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	1.0
CALCIUM, TOTAL	mg/L	8.0	9.6	26	5.9	11	11	13	16	6.5	6.4	18	16
CHLORIDE, TOTAL	mg/L	4.0	1.8	10	5.0	1.5	1.8	2.0	3.8	1.9	7.6	7.6	12
FLUORIDE, TOTAL	mg/L	0.058 J	0.088 J	0.052 J	0.050 J	0.068 J	0.056 J	0.070 J	0.074 J	0.057 J	0.060 J	0.055 J	0.041 J
pH	S.U.	5.99	6.40	6.31	5.85	6.60	6.93	7.10	6.29	5.90	6.02	6.79	5.65
SULFATE, TOTAL	mg/L	1.0	0.87 J	130	< 0.76	< 0.76	1.2	0.85 J	2.9	< 0.76	1.8	56	150
TOTAL DISSOLVED SOLIDS	mg/L	100	85	290	68	94	100	110	120	79	67	150	280
STATE PARAMETERS													
ANTIMONY, TOTAL	mg/L	< 0.00051	< 0.00051	< 0.00051	< 0.00051	< 0.00051	< 0.00051	< 0.00051	< 0.00051	< 0.00051	< 0.00051	< 0.00051	< 0.00051
ARSENIC, TOTAL	mg/L	< 0.00028	< 0.00028	< 0.00028	< 0.00028	< 0.00028	< 0.00028	< 0.00028	< 0.00028	< 0.00028	< 0.00028	< 0.00028	< 0.00028
BARIUM, TOTAL	mg/L	0.024	0.032	0.077	0.024	0.029	0.014	0.022	0.020	0.018	0.011	0.021	0.042
BERYLLIUM, TOTAL	mg/L	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027
CADMIUM, TOTAL	mg/L	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022
CHROMIUM, TOTAL	mg/L	0.0026	0.013	< 0.0015	0.0047	0.0086	0.0058	0.0076	< 0.0015	0.0046	0.0054	0.036	0.0018 J
COBALT, TOTAL	mg/L	< 0.00026	0.00054 J	0.00059 J	< 0.00026	< 0.00026	< 0.00026	0.00039 J	< 0.00026	< 0.00026	< 0.00026	< 0.00026	0.011
COPPER, TOTAL	mg/L	< 0.0011	0.0015 J	< 0.0011	< 0.0011	< 0.0011	< 0.0011	0.0014 J	< 0.0011	0.0013 J	< 0.0011	< 0.0011	< 0.0011
LEAD, TOTAL	mg/L	< 0.00017	0.00025 J	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	0.00019 J	< 0.00017	< 0.00017	< 0.00017
MERCURY, TOTAL	mg/L	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013
NICKEL, TOTAL	mg/L	< 0.00052	0.0014	< 0.00052	< 0.00052	< 0.00052	< 0.00052	0.00088 J	0.0034	0.0026	0.0024	< 0.00052	0.0071
SELENIUM, TOTAL	mg/L	< 0.00074	< 0.00074	< 0.00074	< 0.00074	< 0.00074	< 0.00074	< 0.00074	< 0.00074	< 0.00074	< 0.00074	< 0.00074	< 0.00074
SILVER, TOTAL	mg/L	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022
THALLIUM, TOTAL	mg/L	< 0.00047	< 0.00047	< 0.00047	< 0.00047	< 0.00047	< 0.00047	< 0.00047	< 0.00047	< 0.00047	< 0.00047	< 0.00047	< 0.00047
VANADIUM, TOTAL	mg/L	0.0033	0.0083	0.0028	0.0032	0.0076	0.019	0.020	0.0047	0.0042	0.0049	0.011	0.0014
ZINC, TOTAL	mg/L	< 0.0029	0.0030 J	0.0030 J	< 0.0029	< 0.0029	< 0.0029	< 0.0029	< 0.0029	< 0.0029	< 0.0029	< 0.0029	0.014

NOTES:

1. mg/L - Milligrams per Liter; SU - Standard Units.
2. < indicates the substance was not detected above the analytical method detection limit (MDL). The value displayed is the MDL.
3. J indicates the substance was detected at such low levels that the precision of the laboratory instruments could not produce a reliable value. Therefore, the value displayed is qualified by the laboratory as an estimated number.

TABLE 5C
ANALYTICAL DATA SUMMARY SUPPLEMENTAL SAMPLING - FEBRUARY 2022
 Georgia Power Company - Plant Scherer
 Juliette, Georgia

Analyte	Units	GROUNDWATER MONITORING WELLS - CELL 1											
		GWA-15	GWA-16	GWA-17	GWC-1	GWC-2	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
		2/15/2022	2/15/2022	2/15/2022	2/15/2022	2/15/2022	2/15/2022	2/15/2022	2/15/2022	2/15/2022	2/15/2022	2/15/2022	2/15/2022
MAJOR IONS													
Total Alkalinity as CaCO3	mg/L	21	61	51	98	93	38	70	72	77	80	260	88
Bicarbonate Alkalinity as CaCO3	mg/L	21	61	51	98	93	38	70	72	77	80	260	88
Carbonate Alkalinity as CaCO3	mg/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Magnesium	mg/L	2.0	3.3	2.8	7.7	7.3	3.3	8.9	20	7.5	6.1	24	8.0
Potassium	mg/L	0.24 J	0.87	1.0	0.95	1.2	0.73	1.4	1.2	1.7	1.0	2.3	1.1
Sodium	mg/L	5.0	7.5	8.5	12	8.4	5.0	11	13	9.0	7.6	14	7.9

Analyte	Units	GROUNDWATER MONITORING WELLS - PAC ASH CELL											
		GWA-21	GWA-22	GWA-45	GWA-46	GWA-47	GWA-48	GWA-49	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
		2/14/2022	2/15/2022	2/14/2022	2/14/2022	2/14/2022	2/14/2022	2/14/2022	2/14/2022	2/14/2022	2/15/2022	2/14/2022	2/14/2022
MAJOR IONS													
Total Alkalinity as CaCO3	mg/L	50	59	45	34	65	61	77	89	41	36	44	7.8
Bicarbonate Alkalinity as CaCO3	mg/L	50	59	45	34	65	61	77	89	41	36	44	8
Carbonate Alkalinity as CaCO3	mg/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Magnesium	mg/L	4.7	4.7	7.8	3.0	5.0	4.9	6.8	9.6	3.2	4.5	9.8	9.8
Potassium	mg/L	0.69	1.0	3.2	0.82	0.92	0.94	0.85	0.72	0.62	0.44 J	1.4	1.6
Sodium	mg/L	7.2	4.6	41	4.4	6.4	5.3	5.7	5.4	4.7	3.9	7.7	47

- NOTES:
1. mg/L - Milligrams per Liter.
 2. < indicates the substance was not detected above the analytical method detection limit (MDL). The value displayed is the MDL.
 3. J indicates the substance was detected at such low levels that the precision of the laboratory instruments could not produce a reliable value. Therefore, the value displayed is qualified by the laboratory as an estimated number.

TABLE 5C
ANALYTICAL DATA SUMMARY SUPPLEMENTAL SAMPLING - FEBRUARY 2022
 Georgia Power Company - Plant Scherer
 Juliette, Georgia

Analyte	Units	GROUNDWATER MONITORING WELLS							
		GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
		2/15/2022	2/16/2022	2/16/2022	2/16/2022	2/16/2022	2/16/2022	2/16/2022	2/16/2022
MAJOR IONS									
Total Alkalinity as CaCO ₃	mg/L	98	72	9.8	47	34	62	93	72
Bicarbonate Alkalinity as CaCO ₃	mg/L	98	72	9.8	47	34	62	93	72
Carbonate Alkalinity as CaCO ₃	mg/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Magnesium	mg/L	8.9	6.5	0.90	4.3	3.3	4.8	7.6	6.1
Potassium	mg/L	0.96	0.81	0.37 J	0.53	0.47 J	0.72	1.2	1.0
Sodium	mg/L	7.9	4.7	2.5	5.7	3.3	7.1	8.4	6.5

NOTES:

1. mg/L - Milligrams per Liter.
2. < indicates the substance was not detected above the analytical method detection limit (MDL). The value displayed is the MDL.
3. J indicates the substance was detected at such low levels that the precision of the laboratory instruments could not produce a reliable value. Therefore, the value displayed is qualified by the laboratory as an estimated number.

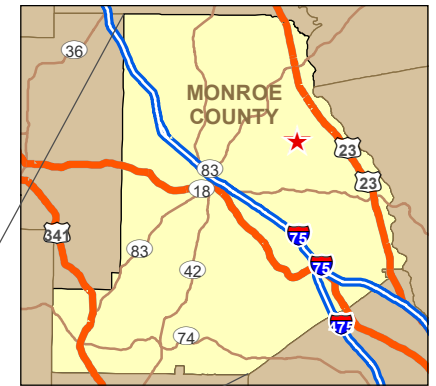
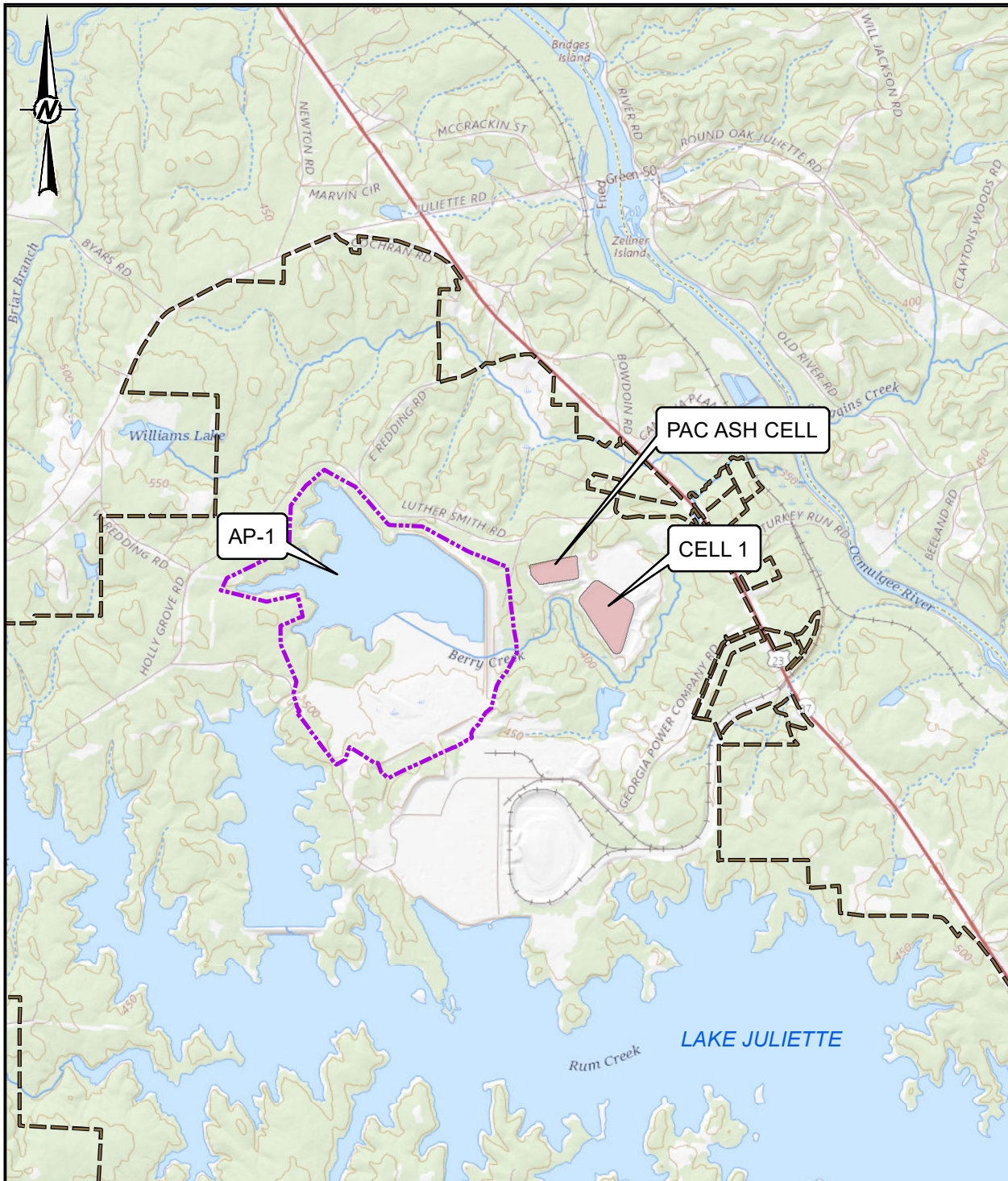
TABLE 5D
ANALYTICAL DATA SUMMARY - SURFACE WATER - FEBRUARY 2022
 Georgia Power Company - Plant Scherer
 Juliette, Georgia

Analyte	Units	SURFACE WATER SAMPLING LOCATIONS								
		SWA-1	SWA-2	SWA-3	SWC-4	SWC-5	SWC-6	SWC-7	SWC-8	SWC-9
Sample Date:		2/16/2022	2/16/2022	2/16/2022	2/16/2022	2/16/2022	2/16/2022	2/16/2022	2/16/2022	2/16/2022
FIELD MONITORING PARAMETERS										
pH	SU	7.82	7.02	6.98	7.29	7.15	7.42	7.39	7.05	7.15
ORP	mV	94.2	20.0	29.7	61.1	56.4	44.5	62.6	34.5	52.4
SPECIFIC CONDUCTANCE	us/cm	281.96	505.83	337.46	329.44	355.40	111.19	281.87	409.56	117.86
DISSOLVED OXYGEN	mg/L	11.55	9.49	9.88	10.94	10.04	10.62	11.22	10.04	9.10
TEMPERATURE	C	8.66	15.43	14.17	9.36	10.69	11.95	11.84	14.72	15.71
TURBIDITY	NTU	13.2	6.16	2.48	7.33	0.88	7.74	19.8	3.58	4.50
APPENDIX III										
BORON, TOTAL	mg/L	0.29	1.1	0.76	0.63	0.091	< 0.060	0.38	0.82	0.064 J
CALCIUM, TOTAL	mg/L	19	33	14	20	38	8.5	19	24	9.9
CHLORIDE, TOTAL	mg/L	11	10	12	9.0	13	3.0	7.8	10	3.3
FLUORIDE, TOTAL	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
SULFATE, TOTAL	mg/L	72	170	110	98	55	1.4	69	140	2.7
TOTAL DISSOLVED SOLIDS	mg/L	170	340	200	200	230	66	190	250	80
STATE REQUIRED INORGANICS										
CHEMICAL OXYGEN DEMAND	mg/L	16	< 9.1	< 9.1	N/S	N/S	N/S	< 9.1	N/S	N/S
CYANIDE, TOTAL	mg/L	< 0.0080	0.011	< 0.0080	N/S	N/S	N/S	< 0.0080	N/S	N/S
TOTAL ORGANIC CARBON	mg/L	5.4	1.4	0.77 J	N/S	N/S	N/S	2.4	N/S	N/S
STATE REQUIRED METALS										
ANTIMONY, TOTAL	mg/L	< 0.00051	< 0.00051	< 0.00051	< 0.00051	< 0.00051	< 0.00051	< 0.00051	< 0.00051	< 0.00051
ARSENIC, TOTAL	mg/L	0.00036 J	< 0.00028	< 0.00028	< 0.00028	< 0.00028	< 0.00028	< 0.00028	< 0.00028	< 0.00028
BARIUM, TOTAL	mg/L	0.060	0.063	0.045	0.053	0.045	0.033	0.057	0.058	0.020
BERYLLIUM, TOTAL	mg/L	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027
CADMIUM, TOTAL	mg/L	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022
CHROMIUM, TOTAL	mg/L	< 0.0015	< 0.0015	< 0.0015	< 0.0015	0.0015 J	< 0.0015	0.0020	< 0.0015	0.0060
COBALT, TOTAL	mg/L	< 0.00026	0.0060	0.014	0.0041	< 0.00026	0.0037	0.0016 J	0.0076	< 0.00026
COPPER, TOTAL	mg/L	0.0033	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	0.0017 J	< 0.0011	< 0.0011
LEAD, TOTAL	mg/L	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	0.00017 J	< 0.00017	0.00025 J
MERCURY, TOTAL	mg/L	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013
NICKEL, TOTAL	mg/L	0.00095 J	0.00097 J	0.0026	0.00092 J	< 0.00052	< 0.00052	0.0010	0.0013	< 0.00052
SELENIUM, TOTAL	mg/L	0.00081 J	< 0.00074	< 0.00074	< 0.00074	0.0029 J	< 0.00074	< 0.00074	< 0.00074	< 0.00074
SILVER, TOTAL	mg/L	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022
THALLIUM, TOTAL	mg/L	< 0.00047	< 0.00047	< 0.00047	< 0.00047	< 0.00047	< 0.00047	< 0.00047	< 0.00047	< 0.00047
VANADIUM, TOTAL	mg/L	0.0033	< 0.00078	< 0.00078	0.0012	0.0026	0.0014	0.0044	< 0.00078	0.0072
ZINC, TOTAL	mg/L	0.0054	< 0.0029	0.0062	< 0.0029	< 0.0029	< 0.0029	< 0.0029	< 0.0029	< 0.0029
MAJOR IONS										
TOTAL ALKALINITY 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

NOTES:

1. mg/L - Milligrams per Liter; SU - Standard Units; mV - millivolts; C - degrees Celsius; NTU - Nephelometric Turbidity Unit; us/cm - microsiemens per centimeter.
2. Dissolved Oxygen Screening Limit: A daily average of 6.0 mg/L and no less than 5.0 mg/L for designated waters.
3. J indicates the substance was detected at such low levels that the precision of the laboratory instruments could not produce a reliable value. Therefore, the value displayed is qualified by the laboratory as an estimated number.
4. < indicates the substance was not detected above the analytical method detection limit (MDL). The value displayed is the MDL.
5. N/S - Not sampled as per the site D&O Plan; SWA-1, SWA-2, SWA-3, and SWC-7 are sampled for chemical oxygen demand (COD), Cyanide, and total organic carbon (TOC).

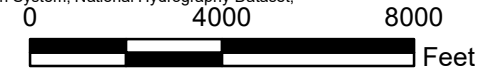
Figures



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,



CLIENT
GEORGIA POWER COMPANY
 PLANT SCHERER
 JULIETTE, GEORGIA



PROJECT
 2022 SEMI-ANNUAL GROUNDWATER MONITORING AND
 CORRECTIVE ACTION REPORT
 PLANT SCHERER CELL 1 AND PAC ASH CELL

TITLE
SITE LOCATION MAP

CONSULTANT



YYYY-MM-DD	2021-08-03
PREPARED	DJC
DESIGN	DJC
CHECKED	DLP
REVIEWED/APPROVED	RPK

PROJECT No.
 166235021

CONTROL
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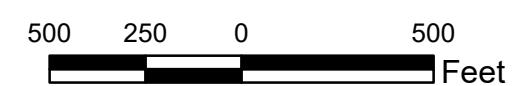
Rev.
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FIGURE
 1




- LEGEND**
- CELL 1 LANDFILL MONITORING WELL
 - PAC ASH LANDFILL MONITORING WELL
 - CELL 3 MONITORING WELL
 - SURFACE WATER LOCATION

- REFERENCE**
1. COORDINATE SYSTEM: NAD 1983 STATE PLAN GEORGIA WEST (U.S. FEET).
 2. MONITORING WELL LOCATIONS PROVIDED BY JORDAN ENGINEERING.



CLIENT
GEORGIA POWER COMPANY
 PLANT SCHERER
 JULIETTE, GEORGIA



PROJECT
 2022 SEMI-ANNUAL GROUNDWATER MONITORING AND
 CORRECTIVE ACTION REPORT
 PLANT SCHERER CELL 1 AND PAC ASH CELL

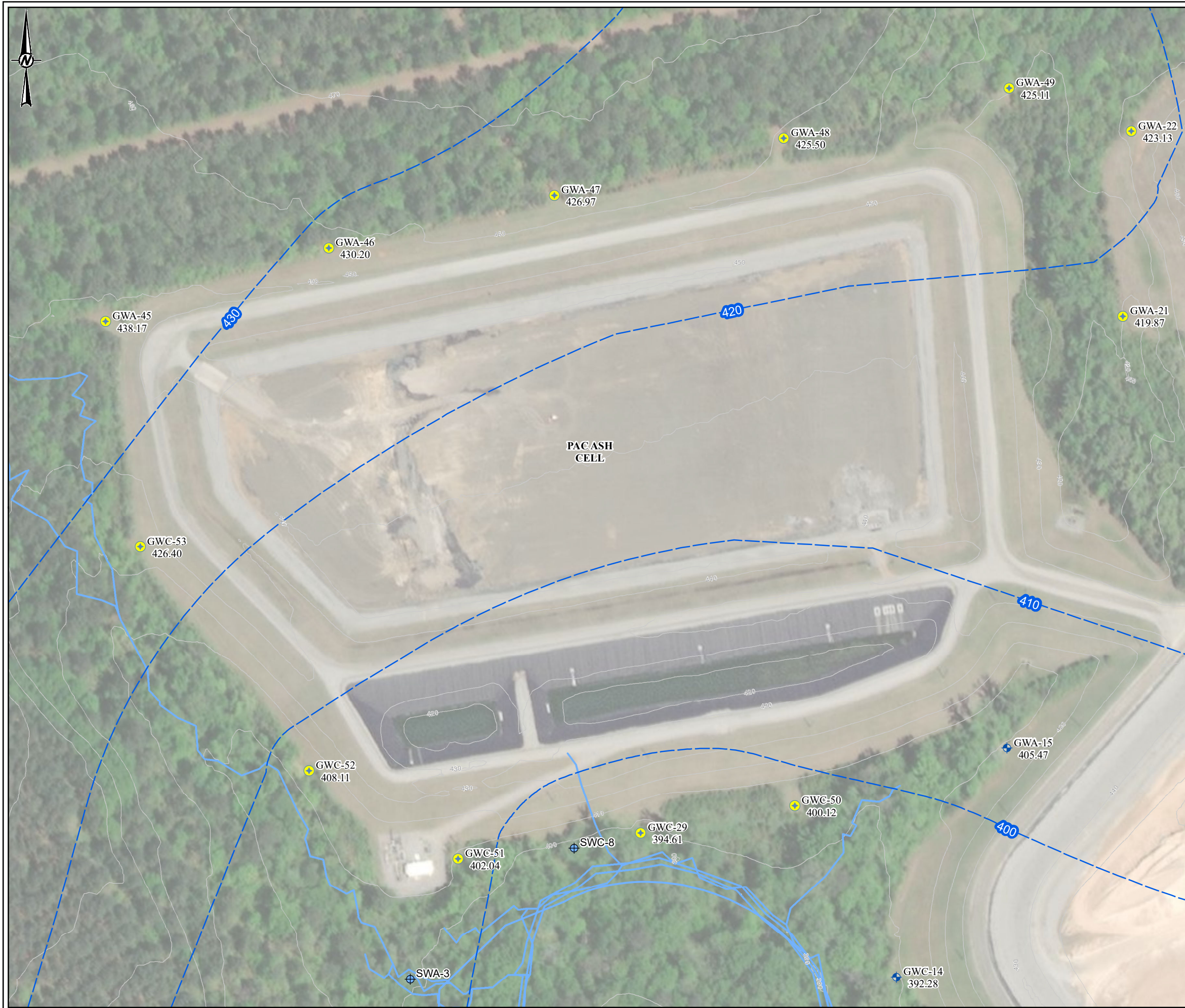
TITLE
**SITE PLAN AND DETECTION MONITORING WELL
 LOCATION MAP**

CONSULTANT	YYYY-MM-DD	2021-07-06
	PREPARED	DJC
	DESIGN	DH
	REVIEW	DLP
	APPROVED	RPK

PROJECT No. 166235021 CONTROL 166235021AB004-GIS.mxd Rev. 0 FIGURE 2

Service Layer Credits: Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

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



- LEGEND**
- CELL 1 LANDFILL MONITORING WELL
 - PAC ASH LANDFILL MONITORING WELL
 - SURFACE WATER SAMPLING LOCATION
 - INFERRED POTENTIOMETRIC SURFACE CONTOUR (FT-NAVD 88)
 - STREAM
 - PROPERTY BOUNDARY
 - PONDS

- NOTES**
1. GROUNDWATER ELEVATION MEASUREMENTS OBTAINED FEBRUARY 8, 2021 BY GOLDER ASSOCIATES.
 2. GROUNDWATER ELEVATIONS DISPLAYED IN FEET-NORTH AMERICAN VERTICAL DATUM (FT-NAVD 88).

- REFERENCE**
1. COORDINATE SYSTEM: NAD 1983 STATE PLAN GEORGIA WEST (U.S. FEET).
 2. MONITORING WELL/PIEZOMETER LOCATIONS PROVIDED BY JORDAN ENGINEERING.



CLIENT
 GEORGIA POWER COMPANY
 PLANT SCHERER
 JULIETTE, GEORGIA



PROJECT
 2022 SEMI-ANNUAL GROUNDWATER MONITORING
 AND CORRECTIVE ACTION REPORT
 PLANT SCHERER CELL 1 AND PAC ASH CELL

TITLE
POTENTIOMETRIC SURFACE MAP - PAC ASH CELL
FEBRUARY 8, 2022

CONSULTANT	YYYY-MM-DD	2022-02-22
	PREPARED	DJC
	DESIGN	DLP
	REVIEW	DLP
	APPROVED	RPK

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

APPENDIX A

Field Data Forms and Instrument Calibration Forms

APPENDIX A

Field Data Forms
February 2022

Low-Flow Test Report:

Test Date / Time: 2/15/2022 12:41:53 PM

Project: Plant Scherer

Operator Name: C. Tidwell

Location Name: 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: 7.8 ft	Pump Type: QED Well Wizard Tubing Type: Polyethylene Tubing Inner Diameter: 0.170 in Tubing Length: 33 ft Pump Intake From TOC: 33 ft Estimated Total Volume Pumped: 4000 ml Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.11 ft	Instrument Used: Aqua TROLL 400 Serial Number: 851413
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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	
2/15/2022 12:41 PM	00:00	7.03 pH	20.11 °C	188.19 µS/cm	7.80 mg/L	1.70 NTU	105.8 mV	7.80 ft	200.00 ml/min
2/15/2022 12:46 PM	05:00	6.86 pH	18.97 °C	192.25 µS/cm	5.78 mg/L	1.08 NTU	103.7 mV	7.88 ft	200.00 ml/min
2/15/2022 12:51 PM	10:00	6.84 pH	19.08 °C	192.23 µS/cm	5.29 mg/L	1.04 NTU	101.9 mV	7.89 ft	200.00 ml/min
2/15/2022 12:56 PM	15:00	6.84 pH	18.97 °C	193.07 µS/cm	4.96 mg/L	1.80 NTU	105.6 mV	7.89 ft	200.00 ml/min
2/15/2022 1:01 PM	20:00	6.83 pH	19.18 °C	194.44 µS/cm	4.88 mg/L	0.51 NTU	99.8 mV	7.91 ft	200.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 2/15/2022 10:36:01 AM

Project: Plant Scherer

Operator Name: K. Minkara

Location Name: 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: 11.91 ft	Pump Type: QED Well Wizard Tubing Type: Polyethylene Tubing Inner Diameter: 0.170 in Tubing Length: 50.18 Pump Intake From TOC: 50.18 ft Estimated Total Volume Pumped: 4500 ml Flow Cell Volume: 90 ml Final Flow Rate: 180 ml/min Final Draw Down: 1.59 ft	Instrument Used: Aqua TROLL 400 Serial Number: 850767
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 1000 %	+/- 5 %	+/- 10 %	+/- 2	+/- 1000 %	+/- 0.3	
2/15/2022 10:36 AM	00:00	7.15 pH	20.95 °C	0.00 µS/cm	9.18 mg/L		26.4 mV	11.91 ft	180.00 ml/min
2/15/2022 10:41 AM	05:00	6.61 pH	15.84 °C	180.86 µS/cm	4.08 mg/L	4.50 NTU	26.0 mV	12.91 ft	180.00 ml/min
2/15/2022 10:46 AM	10:00	6.62 pH	15.80 °C	181.30 µS/cm	3.98 mg/L	4.11 NTU	24.8 mV	13.24 ft	180.00 ml/min
2/15/2022 10:51 AM	15:00	6.60 pH	16.02 °C	180.88 µS/cm	3.89 mg/L	3.84 NTU	25.2 mV	13.44 ft	180.00 ml/min
2/15/2022 10:56 AM	20:00	6.60 pH	16.16 °C	180.82 µS/cm	3.80 mg/L	3.01 NTU	24.9 mV	13.50 ft	180.00 ml/min
2/15/2022 11:01 AM	25:00	6.61 pH	16.60 °C	180.71 µS/cm	3.77 mg/L	2.90 NTU	24.2 mV	13.50 ft	180.00 ml/min

Samples

Sample ID:	Description:
GWC-2	

Low-Flow Test Report:

Test Date / Time: 2/15/2022 1:53:51 PM

Project: Plant Scherer

Operator Name: K. Minkara

Location Name: GWC-3 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 40.16 ft Total Depth: 50.16 ft Initial Depth to Water: 34.56 ft	Pump Type: SamplePro Bladder Tubing Type: Polyethylene Tubing Inner Diameter: 0.170 in Tubing Length: 45 ft Pump Intake From TOC: 45 ft Estimated Total Volume Pumped: 14400 ml Flow Cell Volume: 90 ml Final Flow Rate: 120 ml/min Final Draw Down: 0.18 ft	Instrument Used: Aqua TROLL 400 Serial Number: 850767
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 1000 %	+/- 5 %	+/- 10 %	+/- 2	+/- 1000 %	+/- 0.3	
2/15/2022 1:53 PM	00:00	6.20 pH	24.55 °C	82.10 µS/cm	7.04 mg/L	15.70 NTU	32.3 mV	34.56 ft	120.00 ml/min
2/15/2022 1:58 PM	05:00	5.89 pH	19.68 °C	81.84 µS/cm	6.24 mg/L	58.00 NTU	18.5 mV	34.74 ft	120.00 ml/min
2/15/2022 2:03 PM	10:00	5.88 pH	19.44 °C	82.21 µS/cm	6.26 mg/L	40.80 NTU	17.9 mV	34.74 ft	120.00 ml/min
2/15/2022 2:08 PM	15:00	5.88 pH	19.50 °C	82.02 µS/cm	6.26 mg/L	38.40 NTU	17.5 mV	34.74 ft	120.00 ml/min
2/15/2022 2:13 PM	20:00	5.87 pH	19.50 °C	81.90 µS/cm	6.24 mg/L	34.40 NTU	18.2 mV	34.74 ft	120.00 ml/min
2/15/2022 2:18 PM	25:00	5.88 pH	19.87 °C	81.90 µS/cm	6.18 mg/L	30.70 NTU	17.8 mV	34.74 ft	120.00 ml/min
2/15/2022 2:23 PM	30:00	5.88 pH	19.90 °C	81.84 µS/cm	6.15 mg/L	27.70 NTU	17.6 mV	34.74 ft	120.00 ml/min
2/15/2022 2:28 PM	35:00	5.89 pH	19.83 °C	81.89 µS/cm	6.17 mg/L	22.00 NTU	18.1 mV	34.74 ft	120.00 ml/min
2/15/2022 2:33 PM	40:00	5.88 pH	19.68 °C	81.62 µS/cm	6.11 mg/L	19.70 NTU	18.8 mV	34.74 ft	120.00 ml/min
2/15/2022 2:38 PM	45:00	5.88 pH	19.55 °C	81.61 µS/cm	6.12 mg/L	13.30 NTU	19.4 mV	34.74 ft	120.00 ml/min
2/15/2022 2:43 PM	50:00	5.88 pH	19.68 °C	81.81 µS/cm	6.14 mg/L	11.90 NTU	19.6 mV	34.74 ft	120.00 ml/min
2/15/2022 2:48 PM	55:00	5.88 pH	19.85 °C	81.48 µS/cm	6.09 mg/L	11.80 NTU	19.9 mV	34.74 ft	120.00 ml/min
2/15/2022 2:53 PM	01:00:00	5.90 pH	19.85 °C	81.79 µS/cm	6.33 mg/L	11.18 NTU	20.4 mV	34.74 ft	120.00 ml/min
2/15/2022 2:58 PM	01:05:00	5.87 pH	19.92 °C	81.74 µS/cm	6.12 mg/L	10.43 NTU	22.6 mV	34.74 ft	120.00 ml/min

2/15/2022 3:03 PM	01:10:00	5.87 pH	19.70 °C	81.28 µS/cm	6.08 mg/L	9.19 NTU	22.8 mV	34.74 ft	120.00 ml/min
2/15/2022 3:08 PM	01:15:00	5.88 pH	19.46 °C	81.49 µS/cm	6.12 mg/L	8.67 NTU	23.9 mV	34.74 ft	120.00 ml/min
2/15/2022 3:13 PM	01:20:00	5.88 pH	19.48 °C	81.47 µS/cm	6.17 mg/L	8.10 NTU	25.1 mV	34.74 ft	120.00 ml/min
2/15/2022 3:18 PM	01:25:00	5.87 pH	18.88 °C	82.20 µS/cm	6.23 mg/L	7.11 NTU	25.9 mV	34.74 ft	120.00 ml/min
2/15/2022 3:23 PM	01:30:00	5.87 pH	18.75 °C	82.20 µS/cm	6.25 mg/L	7.13 NTU	26.4 mV	34.74 ft	120.00 ml/min
2/15/2022 3:28 PM	01:35:00	5.88 pH	18.83 °C	82.29 µS/cm	6.23 mg/L	6.70 NTU	26.1 mV	34.74 ft	120.00 ml/min
2/15/2022 3:33 PM	01:40:00	5.88 pH	18.84 °C	82.16 µS/cm	6.21 mg/L	5.87 NTU	26.2 mV	34.74 ft	120.00 ml/min
2/15/2022 3:38 PM	01:45:00	5.88 pH	18.72 °C	81.96 µS/cm	6.20 mg/L	5.25 NTU	27.4 mV	34.74 ft	120.00 ml/min
2/15/2022 3:43 PM	01:50:00	5.87 pH	18.83 °C	82.60 µS/cm	6.32 mg/L	4.95 NTU	28.3 mV	34.74 ft	120.00 ml/min
2/15/2022 3:48 PM	01:55:00	5.91 pH	18.87 °C	82.32 µS/cm	6.28 mg/L	4.53 NTU	27.7 mV	34.74 ft	120.00 ml/min
2/15/2022 3:53 PM	02:00:00	5.87 pH	18.81 °C	82.08 µS/cm	6.25 mg/L	4.68 NTU	28.2 mV	34.74 ft	120.00 ml/min

Samples

Sample ID:	Description:
GWC-3	

Low-Flow Test Report:

Test Date / Time: 2/15/2022 9:43:01 AM

Project: Plant Scherer

Operator Name: K. Minkara

Location Name: 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: 31.67 ft	Pump Type: QED Well Wizard Tubing Type: Polyethylene Tubing Inner Diameter: 0.170 in Tubing Length: 35.01 ft Pump Intake From TOC: 35.01 ft Estimated Total Volume Pumped: 3750 ml Flow Cell Volume: 90 ml Final Flow Rate: 150 ml/min Final Draw Down: 0.36 ft	Instrument Used: Aqua TROLL 400 Serial Number: 850767
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 1000 %	+/- 5 %	+/- 10 %	+/- 2	+/- 1000 %	+/- 0.3	
2/15/2022 9:43 AM	00:00	7.00 pH	6.34 °C	177.93 µS/cm	12.65 mg/L	1.71 NTU	68.3 mV	31.67 ft	150.00 ml/min
2/15/2022 9:48 AM	05:00	6.43 pH	13.49 °C	217.45 µS/cm	4.59 mg/L	1.99 NTU	42.8 mV	32.03 ft	150.00 ml/min
2/15/2022 9:53 AM	10:00	6.39 pH	14.72 °C	220.21 µS/cm	4.21 mg/L	2.44 NTU	39.9 mV	32.03 ft	150.00 ml/min
2/15/2022 9:58 AM	15:00	6.38 pH	15.07 °C	219.49 µS/cm	3.95 mg/L	2.36 NTU	36.1 mV	32.03 ft	150.00 ml/min
2/15/2022 10:03 AM	20:00	6.37 pH	15.22 °C	220.41 µS/cm	3.78 mg/L	1.48 NTU	34.6 mV	32.03 ft	150.00 ml/min
2/15/2022 10:08 AM	25:00	6.37 pH	15.66 °C	221.36 µS/cm	3.67 mg/L	1.24 NTU	34.0 mV	32.03 ft	150.00 ml/min

Samples

Sample ID:	Description:
GWC-4	EB-6

Low-Flow Test Report:

Test Date / Time: 2/15/2022 1:40:30 PM

Project: Plant Scherer

Operator Name: C. Tidwell

Location Name: GWC-5 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: 18.84 ft	Pump Type: QED Well Wizard Tubing Type: Polyethylene Tubing Inner Diameter: 0.170 in Tubing Length: 25.34 Pump Intake From TOC: 25.34 ft Estimated Total Volume Pumped: 5000 ml Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.26 ft	Instrument Used: Aqua TROLL 400 Serial Number: 851413
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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	
2/15/2022 1:40 PM	00:00	6.16 pH	19.61 °C	435.92 µS/cm	4.48 mg/L	38.40 NTU	104.7 mV	18.84 ft	200.00 ml/min
2/15/2022 1:45 PM	05:00	6.15 pH	19.48 °C	444.22 µS/cm	3.95 mg/L	17.50 NTU	103.1 mV	19.10 ft	200.00 ml/min
2/15/2022 1:50 PM	10:00	6.16 pH	19.36 °C	444.86 µS/cm	3.93 mg/L	10.90 NTU	102.5 mV	19.10 ft	200.00 ml/min
2/15/2022 1:55 PM	15:00	6.15 pH	19.20 °C	447.73 µS/cm	3.94 mg/L	8.47 NTU	102.4 mV	19.12 ft	200.00 ml/min
2/15/2022 2:00 PM	20:00	6.15 pH	19.04 °C	446.05 µS/cm	3.93 mg/L	4.57 NTU	107.8 mV	19.10 ft	200.00 ml/min
2/15/2022 2:05 PM	25:00	6.16 pH	19.14 °C	447.09 µS/cm	3.92 mg/L	3.62 NTU	101.9 mV	19.10 ft	200.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 2/15/2022 12:51:17 PM

Project: Plant Scherer

Operator Name: K. Minkara

Location Name: GWC-6 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: 37.79 ft	Pump Type: QED Well Wizard Tubing Type: Polyethylene Tubing Inner Diameter: 0.170 in Tubing Length: 39.98 ft Pump Intake From TOC: 39.98 ft Estimated Total Volume Pumped: 3000 ml Flow Cell Volume: 90 ml Final Flow Rate: 100 ml/min Final Draw Down: 0.02 ft	Instrument Used: Aqua TROLL 400 Serial Number: 850767
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 1000 %	+/- 5 %	+/- 10 %	+/- 2	+/- 1000 %	+/- 0.3	
2/15/2022 12:51 PM	00:00	6.66 pH	24.26 °C	185.26 µS/cm	7.22 mg/L	0.61 NTU	27.4 mV	37.79 ft	100.00 ml/min
2/15/2022 12:56 PM	05:00	6.10 pH	19.80 °C	202.00 µS/cm	6.83 mg/L	0.27 NTU	27.2 mV	37.81 ft	100.00 ml/min
2/15/2022 1:01 PM	10:00	6.08 pH	19.19 °C	201.89 µS/cm	6.71 mg/L	0.32 NTU	28.1 mV	37.81 ft	100.00 ml/min
2/15/2022 1:06 PM	15:00	6.09 pH	19.21 °C	204.11 µS/cm	6.77 mg/L	0.27 NTU	28.0 mV	37.81 ft	100.00 ml/min
2/15/2022 1:11 PM	20:00	6.09 pH	19.33 °C	202.12 µS/cm	6.65 mg/L	0.33 NTU	28.4 mV	37.81 ft	100.00 ml/min
2/15/2022 1:16 PM	25:00	6.10 pH	19.28 °C	203.93 µS/cm	6.73 mg/L	0.25 NTU	28.6 mV	37.81 ft	100.00 ml/min
2/15/2022 1:21 PM	30:00	6.10 pH	19.59 °C	202.76 µS/cm	6.69 mg/L	0.30 NTU	28.6 mV	37.81 ft	100.00 ml/min

Samples

Sample ID:	Description:
GWC-6	

Low-Flow Test Report:

Test Date / Time: 2/15/2022 12:12:49 PM

Project: Plant Scherer

Operator Name: K. Minkara

Location Name: GWC-7 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: 41.39 ft	Pump Type: QED Well Wizard Tubing Type: Polyethylene Tubing Inner Diameter: 0.170 in Tubing Length: 50.46 ft Pump Intake From TOC: 50.46 ft Estimated Total Volume Pumped: 3000 ml Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.63 ft	Instrument Used: Aqua TROLL 400 Serial Number: 850767
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 1000 %	+/- 5 %	+/- 10 %	+/- 2	+/- 1000 %	+/- 0.3	
2/15/2022 12:12 PM	00:00	6.87 pH	20.68 °C	186.20 µS/cm	7.72 mg/L	0.59 NTU	69.3 mV	41.39 ft	200.00 ml/min
2/15/2022 12:17 PM	05:00	6.24 pH	18.32 °C	159.89 µS/cm	6.53 mg/L	2.51 NTU	28.1 mV	42.02 ft	200.00 ml/min
2/15/2022 12:22 PM	10:00	6.24 pH	18.35 °C	160.81 µS/cm	6.42 mg/L	2.23 NTU	24.4 mV	42.02 ft	200.00 ml/min
2/15/2022 12:27 PM	15:00	6.22 pH	18.43 °C	160.40 µS/cm	6.31 mg/L	2.10 NTU	23.7 mV	42.02 ft	200.00 ml/min

Samples

Sample ID:	Description:
GWC-7	

Low-Flow Test Report:

Test Date / Time: 2/15/2022 8:38:17 AM

Project: Plant Scherer

Operator Name: Duane Fulton

Location Name: GWC-8A 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: 22.04 ft	Pump Type: QED Dedicated Pump Tubing Type: Polyethylene Tubing Inner Diameter: 0.170 in Tubing Length: 42.5 ft Pump Intake From TOC: 42.5 ft Estimated Total Volume Pumped: 8750 ml Flow Cell Volume: 90 ml Final Flow Rate: 175 ml/min Final Draw Down: 0.35 ft	Instrument Used: Aqua TROLL 400 Serial Number: 850751
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Test Notes:

DUP-6

Weather Conditions:

Clear 34

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	
2/15/2022 8:38 AM	00:00	6.93 pH	10.10 °C	468.41 µS/cm	6.34 mg/L	1.55 NTU	136.8 mV	22.30 ft	175.00 ml/min
2/15/2022 8:43 AM	05:00	6.29 pH	16.58 °C	583.39 µS/cm	0.66 mg/L	1.84 NTU	36.6 mV	22.35 ft	175.00 ml/min
2/15/2022 8:48 AM	10:00	6.30 pH	17.55 °C	578.87 µS/cm	0.48 mg/L	2.93 NTU	21.3 mV	22.40 ft	175.00 ml/min
2/15/2022 8:53 AM	15:00	6.31 pH	17.93 °C	571.67 µS/cm	0.43 mg/L	2.43 NTU	14.0 mV	22.39 ft	175.00 ml/min
2/15/2022 8:58 AM	20:00	6.32 pH	18.10 °C	568.09 µS/cm	0.35 mg/L	2.87 NTU	10.7 mV	22.40 ft	175.00 ml/min
2/15/2022 9:03 AM	25:00	6.33 pH	18.26 °C	565.13 µS/cm	0.30 mg/L	2.70 NTU	8.3 mV	22.40 ft	175.00 ml/min
2/15/2022 9:08 AM	30:00	6.33 pH	18.26 °C	562.98 µS/cm	0.25 mg/L	2.32 NTU	8.6 mV	22.40 ft	175.00 ml/min
2/15/2022 9:13 AM	35:00	6.33 pH	17.81 °C	567.56 µS/cm	0.23 mg/L	2.50 NTU	6.3 mV	22.40 ft	175.00 ml/min
2/15/2022 9:18 AM	40:00	6.33 pH	17.77 °C	568.30 µS/cm	0.21 mg/L	2.44 NTU	7.3 mV	22.39 ft	175.00 ml/min
2/15/2022 9:23 AM	45:00	6.34 pH	17.77 °C	565.39 µS/cm	0.21 mg/L	2.55 NTU	5.3 mV	22.39 ft	175.00 ml/min
2/15/2022 9:28 AM	50:00	6.34 pH	17.87 °C	561.53 µS/cm	0.19 mg/L	2.35 NTU	7.0 mV	22.39 ft	175.00 ml/min

Samples

Sample ID:	Description:
GWC-8A	

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/15/2022 10:02:53 AM

Project: Plant Scherer

Operator Name: Duane Fulton

Location Name: 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: 6.58 ft	Pump Type: QED Dedicated Pump Tubing Type: Polyethylene Tubing Inner Diameter: 0.170 in Tubing Length: 15 ft Pump Intake From TOC: 15 ft Estimated Total Volume Pumped: 10415 ml Flow Cell Volume: 90 ml Final Flow Rate: 225 ml/min Final Draw Down: 0.57 ft	Instrument Used: Aqua TROLL 400 Serial Number: 850751
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Test Notes:

Weather Conditions:

Clear / 40

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	
2/15/2022 10:02 AM	00:00	7.37 pH	15.33 °C	201.82 µS/cm	7.64 mg/L	4.84 NTU	31.9 mV	6.95 ft	275.00 ml/min
2/15/2022 10:07 AM	05:00	6.73 pH	15.39 °C	198.45 µS/cm	3.19 mg/L	24.40 NTU	41.0 mV	7.15 ft	233.00 ml/min
2/15/2022 10:12 AM	10:00	6.68 pH	15.38 °C	202.07 µS/cm	2.67 mg/L	24.10 NTU	49.0 mV	7.14 ft	225.00 ml/min
2/15/2022 10:17 AM	15:00	6.65 pH	15.40 °C	204.00 µS/cm	2.53 mg/L	14.10 NTU	51.1 mV	7.15 ft	225.00 ml/min
2/15/2022 10:22 AM	20:00	6.64 pH	15.46 °C	203.70 µS/cm	2.45 mg/L	12.30 NTU	46.4 mV	7.15 ft	225.00 ml/min
2/15/2022 10:27 AM	25:00	6.63 pH	15.49 °C	205.58 µS/cm	2.41 mg/L	11.30 NTU	53.9 mV	7.15 ft	225.00 ml/min
2/15/2022 10:32 AM	30:00	6.62 pH	15.49 °C	204.49 µS/cm	2.35 mg/L	5.47 NTU	48.3 mV	7.15 ft	225.00 ml/min
2/15/2022 10:37 AM	35:00	6.62 pH	15.49 °C	206.69 µS/cm	2.34 mg/L	5.22 NTU	55.7 mV	7.15 ft	225.00 ml/min
2/15/2022 10:42 AM	40:00	6.61 pH	15.53 °C	207.28 µS/cm	2.29 mg/L	3.20 NTU	56.9 mV	7.15 ft	225.00 ml/min
2/15/2022 10:47 AM	45:00	6.61 pH	15.56 °C	207.94 µS/cm	2.26 mg/L	2.65 NTU	57.7 mV	7.15 ft	225.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 2/15/2022 2:30:45 PM

Project: Plant Scherer

Operator Name: C. Tidwell

Location Name: GWC-10 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: 9.85 ft	Pump Type: QED Well Wizard Tubing Type: Polyethylene Tubing Inner Diameter: 0.170 in Tubing Length: 35 ft Pump Intake From TOC: 35 ft Estimated Total Volume Pumped: 5460 ml Flow Cell Volume: 90 ml Final Flow Rate: 180 ml/min Final Draw Down: 0.13 ft	Instrument Used: Aqua TROLL 400 Serial Number: 851413
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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	
2/15/2022 2:30 PM	00:00	6.76 pH	17.81 °C	195.32 µS/cm	5.34 mg/L	1.18 NTU	102.6 mV	9.85 ft	150.00 ml/min
2/15/2022 2:35 PM	05:00	6.59 pH	17.63 °C	197.87 µS/cm	3.11 mg/L	1.17 NTU	100.8 mV	9.87 ft	150.00 ml/min
2/15/2022 2:40 PM	10:00	6.52 pH	17.45 °C	200.03 µS/cm	1.74 mg/L	2.04 NTU	100.0 mV	9.90 ft	150.00 ml/min
2/15/2022 2:45 PM	15:00	6.49 pH	17.44 °C	199.39 µS/cm	1.11 mg/L	1.68 NTU	105.3 mV	9.93 ft	180.00 ml/min
2/15/2022 2:50 PM	20:00	6.49 pH	17.51 °C	200.72 µS/cm	0.90 mg/L	1.26 NTU	98.4 mV	9.97 ft	180.00 ml/min
2/15/2022 2:53 PM	22:50	6.48 pH	17.14 °C	203.81 µS/cm	0.82 mg/L	1.26 NTU	98.8 mV	9.97 ft	180.00 ml/min
2/15/2022 2:58 PM	27:50	6.48 pH	17.35 °C	203.32 µS/cm	0.72 mg/L	1.35 NTU	102.7 mV	9.97 ft	180.00 ml/min
2/15/2022 3:03 PM	32:50	6.48 pH	17.72 °C	202.71 µS/cm	0.68 mg/L	1.27 NTU	96.6 mV	9.98 ft	180.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 2/16/2022 8:55:47 AM

Project: Plant Scherer

Operator Name: Duane Fulton

Location Name: GWC-11 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: 16.5 ft	Pump Type: QED Dedicated Pump Tubing Type: Polyethylene Tubing Inner Diameter: 0.170 in Tubing Length: 28 ft Pump Intake From TOC: 28 ft Estimated Total Volume Pumped: 33325 ml Flow Cell Volume: 90 ml Final Flow Rate: 350 ml/min Final Draw Down: 0.26 ft	Instrument Used: Aqua TROLL 400 Serial Number: 850751
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Test Notes:

Weather Conditions:

Cloudy / 43

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	
2/16/2022 8:55 AM	00:00	6.90 pH	11.43 °C	174.49 µS/cm	7.40 mg/L	2.28 NTU	182.7 mV	16.72 ft	300.00 ml/min
2/16/2022 9:00 AM	05:00	6.11 pH	16.62 °C	145.11 µS/cm	1.31 mg/L	21.00 NTU	155.8 mV	16.73 ft	300.00 ml/min
2/16/2022 9:05 AM	10:00	6.11 pH	16.83 °C	144.90 µS/cm	1.06 mg/L	10.60 NTU	150.1 mV	16.70 ft	250.00 ml/min
2/16/2022 9:10 AM	15:00	6.11 pH	16.93 °C	143.76 µS/cm	1.01 mg/L	16.50 NTU	146.5 mV	16.72 ft	250.00 ml/min
2/16/2022 9:15 AM	20:00	6.12 pH	16.70 °C	143.20 µS/cm	0.99 mg/L	13.20 NTU	143.5 mV	16.68 ft	200.00 ml/min
2/16/2022 9:20 AM	25:00	6.13 pH	16.56 °C	143.66 µS/cm	1.00 mg/L	15.00 NTU	140.1 mV	16.65 ft	200.00 ml/min
2/16/2022 9:25 AM	30:00	6.13 pH	16.57 °C	143.51 µS/cm	1.00 mg/L	19.00 NTU	137.2 mV	16.62 ft	200.00 ml/min
2/16/2022 9:30 AM	35:00	6.14 pH	16.47 °C	142.91 µS/cm	0.98 mg/L	16.00 NTU	134.1 mV	16.61 ft	175.00 ml/min
2/16/2022 9:35 AM	40:00	6.14 pH	16.47 °C	143.24 µS/cm	0.99 mg/L	15.90 NTU	131.4 mV	16.60 ft	140.00 ml/min
2/16/2022 9:40 AM	45:00	6.12 pH	16.52 °C	143.49 µS/cm	0.99 mg/L	15.90 NTU	129.4 mV	16.60 ft	140.00 ml/min
2/16/2022 9:45 AM	50:00	6.12 pH	16.56 °C	143.41 µS/cm	0.99 mg/L	15.30 NTU	126.4 mV	16.60 ft	140.00 ml/min
2/16/2022 9:50 AM	55:00	6.15 pH	16.56 °C	142.48 µS/cm	0.99 mg/L	15.60 NTU	123.1 mV	16.60 ft	140.00 ml/min
2/16/2022 9:55 AM	01:00:00	6.15 pH	16.20 °C	142.44 µS/cm	1.06 mg/L	14.20 NTU	121.6 mV	16.58 ft	110.00 ml/min

2/16/2022 10:00 AM	01:05:00	6.15 pH	16.11 °C	143.15 µS/cm	1.12 mg/L	13.30 NTU	118.9 mV	16.58 ft	110.00 ml/min
2/16/2022 10:05 AM	01:10:00	6.15 pH	16.12 °C	142.90 µS/cm	1.12 mg/L	13.10 NTU	116.4 mV	16.58 ft	110.00 ml/min
2/16/2022 10:10 AM	01:15:00	6.15 pH	16.11 °C	143.34 µS/cm	1.12 mg/L	12.30 NTU	114.2 mV	16.56 ft	100.00 ml/min
2/16/2022 10:15 AM	01:20:00	6.16 pH	16.20 °C	142.68 µS/cm	1.10 mg/L	12.00 NTU	112.2 mV	16.56 ft	100.00 ml/min
2/16/2022 10:20 AM	01:25:00	6.16 pH	16.26 °C	143.11 µS/cm	1.12 mg/L	11.70 NTU	110.2 mV	16.56 ft	100.00 ml/min
2/16/2022 10:25 AM	01:30:00	6.16 pH	16.34 °C	142.71 µS/cm	1.08 mg/L	11.10 NTU	108.6 mV	16.56 ft	100.00 ml/min
2/16/2022 10:30 AM	01:35:00	6.16 pH	16.41 °C	143.49 µS/cm	1.09 mg/L	10.10 NTU	106.0 mV	16.56 ft	100.00 ml/min
2/16/2022 10:35 AM	01:40:00	6.16 pH	16.61 °C	143.22 µS/cm	1.05 mg/L	9.15 NTU	104.3 mV	16.56 ft	100.00 ml/min
2/16/2022 10:40 AM	01:45:00	6.16 pH	16.70 °C	142.81 µS/cm	1.04 mg/L	7.21 NTU	102.4 mV	16.56 ft	100.00 ml/min
2/16/2022 10:45 AM	01:50:00	6.18 pH	16.79 °C	142.72 µS/cm	1.05 mg/L	7.11 NTU	99.8 mV	16.56 ft	100.00 ml/min
2/16/2022 10:50 AM	01:55:00	6.18 pH	17.00 °C	142.97 µS/cm	1.03 mg/L	6.55 NTU	98.0 mV	16.56 ft	100.00 ml/min
2/16/2022 10:55 AM	02:00:00	6.18 pH	17.12 °C	142.48 µS/cm	1.04 mg/L	6.43 NTU	96.2 mV	16.56 ft	100.00 ml/min
2/16/2022 11:00 AM	02:05:00	6.18 pH	17.24 °C	142.36 µS/cm	1.03 mg/L	6.22 NTU	94.5 mV	16.56 ft	100.00 ml/min
2/16/2022 11:05 AM	02:10:00	6.19 pH	17.28 °C	142.10 µS/cm	1.03 mg/L	6.13 NTU	92.9 mV	16.56 ft	100.00 ml/min
2/16/2022 11:10 AM	02:15:00	6.15 pH	17.69 °C	143.00 µS/cm	1.01 mg/L	9.10 NTU	92.1 mV	16.80 ft	300.00 ml/min
2/16/2022 11:15 AM	02:20:00	6.16 pH	17.73 °C	142.81 µS/cm	0.93 mg/L	7.51 NTU	90.6 mV	16.80 ft	300.00 ml/min
2/16/2022 11:20 AM	02:25:00	6.16 pH	17.77 °C	142.73 µS/cm	0.93 mg/L	4.73 NTU	89.4 mV	16.78 ft	350.00 ml/min
2/16/2022 11:25 AM	02:30:00	6.16 pH	17.86 °C	142.47 µS/cm	0.92 mg/L	3.56 NTU	87.9 mV	16.75 ft	350.00 ml/min
2/16/2022 11:30 AM	02:35:00	6.17 pH	17.90 °C	142.24 µS/cm	0.91 mg/L	3.58 NTU	86.3 mV	16.75 ft	350.00 ml/min
2/16/2022 11:35 AM	02:40:00	6.17 pH	17.86 °C	142.45 µS/cm	0.90 mg/L	3.32 NTU	85.1 mV	16.73 ft	350.00 ml/min
2/16/2022 11:40 AM	02:45:00	6.16 pH	17.92 °C	142.57 µS/cm	0.90 mg/L	3.44 NTU	84.0 mV	16.71 ft	350.00 ml/min
2/16/2022 11:45 AM	02:50:00	6.17 pH	17.86 °C	142.53 µS/cm	0.90 mg/L	3.41 NTU	82.9 mV	16.76 ft	350.00 ml/min
2/16/2022 11:50 AM	02:55:00	6.16 pH	17.94 °C	142.37 µS/cm	0.89 mg/L	3.65 NTU	82.4 mV	16.76 ft	350.00 ml/min

Samples

Sample ID:	Description:
GWC-11	

Low-Flow Test Report:

Test Date / Time: 2/16/2022 12:16:15 PM

Project: Plant Scherer

Operator Name: Duane Fulton

Location Name: GWC-12 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: 22.95 ft	Pump Type: QED Dedicated Pump Tubing Type: Polyethylene Tubing Inner Diameter: 0.170 in Tubing Length: 32 ft Pump Intake From TOC: 32 ft Estimated Total Volume Pumped: 4700 ml Flow Cell Volume: 90 ml Final Flow Rate: 120 ml/min Final Draw Down: 0.24 ft	Instrument Used: Aqua TROLL 400 Serial Number: 850751
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Test Notes:

Weather Conditions:

Windy

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	
2/16/2022 12:16 PM	00:00	6.84 pH	19.37 °C	30.95 µS/cm	8.16 mg/L	2.71 NTU	100.6 mV	23.07 ft	100.00 ml/min
2/16/2022 12:21 PM	05:00	5.11 pH	18.12 °C	28.18 µS/cm	2.98 mg/L	1.58 NTU	108.9 mV	23.18 ft	120.00 ml/min
2/16/2022 12:26 PM	10:00	5.09 pH	18.26 °C	28.51 µS/cm	2.61 mg/L	3.86 NTU	110.8 mV	23.18 ft	120.00 ml/min
2/16/2022 12:31 PM	15:00	5.10 pH	18.09 °C	28.86 µS/cm	2.58 mg/L	3.65 NTU	111.9 mV	23.20 ft	120.00 ml/min
2/16/2022 12:36 PM	20:00	5.10 pH	18.17 °C	28.95 µS/cm	2.51 mg/L	2.97 NTU	113.3 mV	23.20 ft	120.00 ml/min
2/16/2022 12:41 PM	25:00	5.09 pH	18.10 °C	29.05 µS/cm	2.46 mg/L	3.20 NTU	114.5 mV	23.20 ft	120.00 ml/min
2/16/2022 12:46 PM	30:00	5.10 pH	18.03 °C	29.26 µS/cm	2.51 mg/L	2.67 NTU	115.0 mV	23.20 ft	120.00 ml/min
2/16/2022 12:51 PM	35:00	5.11 pH	17.99 °C	29.38 µS/cm	2.55 mg/L	2.65 NTU	115.4 mV	23.19 ft	120.00 ml/min
2/16/2022 12:56 PM	40:00	5.11 pH	17.99 °C	29.38 µS/cm	2.57 mg/L	2.22 NTU	116.0 mV	23.19 ft	120.00 ml/min

Samples

Sample ID:	Description:
GWC-12	

Low-Flow Test Report:

Test Date / Time: 2/16/2022 9:00:02 AM

Project: Plant Scherer

Operator Name: Jude Waguespack

Location Name: GWC-13 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 34.2 ft Total Depth: 44.2 ft Initial Depth to Water: 28.27 ft	Pump Type: QED well wizard Tubing Type: Polyethylene Tubing Inner Diameter: 0.170 in Tubing Length: 39 ft Pump Intake From TOC: 39 ft Estimated Total Volume Pumped: 7500 ml Flow Cell Volume: 90 ml Final Flow Rate: 300 ml/min Final Draw Down: 0.14 ft	Instrument Used: Aqua TROLL 400 Serial Number: 843285
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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	
2/16/2022 9:00 AM	00:00	7.34 pH	15.40 °C	90.13 µS/cm	5.37 mg/L	0.73 NTU	108.4 mV	28.27 ft	300.00 ml/min
2/16/2022 9:05 AM	05:00	6.16 pH	17.30 °C	85.95 µS/cm	3.94 mg/L	0.54 NTU	93.4 mV	28.35 ft	300.00 ml/min
2/16/2022 9:10 AM	10:00	5.89 pH	17.44 °C	89.67 µS/cm	3.56 mg/L	0.60 NTU	89.2 mV	28.41 ft	300.00 ml/min
2/16/2022 9:15 AM	15:00	5.79 pH	17.55 °C	91.19 µS/cm	3.45 mg/L	0.70 NTU	89.3 mV	28.41 ft	300.00 ml/min
2/16/2022 9:20 AM	20:00	5.79 pH	17.62 °C	91.67 µS/cm	3.41 mg/L	1.19 NTU	88.4 mV	28.41 ft	300.00 ml/min
2/16/2022 9:25 AM	25:00	5.79 pH	17.66 °C	89.77 µS/cm	3.48 mg/L	0.61 NTU	86.0 mV	28.41 ft	300.00 ml/min

Samples

Sample ID:	Description:
GWC-13	

Low-Flow Test Report:

Test Date / Time: 2/16/2022 9:54:03 AM

Project: Plant Scherer

Operator Name: Jude Waguespack

Location Name: GWC-14 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 17.5 ft Total Depth: 27.5 ft Initial Depth to Water: 11.7 ft	Pump Type: QED well wizard Tubing Type: Polyethylene Tubing Inner Diameter: 0.170 in Tubing Length: 22 ft Pump Intake From TOC: 22 ft Estimated Total Volume Pumped: 24860 ml Flow Cell Volume: 90 ml Final Flow Rate: 300 ml/min Final Draw Down: 0.05 ft	Instrument Used: Aqua TROLL 400 Serial Number: 843285
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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	
2/16/2022 9:54 AM	00:00	5.81 pH	16.63 °C	72.18 µS/cm	2.82 mg/L	15.10 NTU	81.1 mV	11.70 ft	300.00 ml/min
2/16/2022 9:59 AM	05:00	5.56 pH	17.22 °C	71.05 µS/cm	0.97 mg/L	27.50 NTU	80.8 mV	11.75 ft	300.00 ml/min
2/16/2022 10:04 AM	10:00	5.55 pH	17.36 °C	71.30 µS/cm	0.91 mg/L	20.70 NTU	80.0 mV	11.75 ft	300.00 ml/min
2/16/2022 10:09 AM	15:00	5.55 pH	17.39 °C	71.44 µS/cm	0.79 mg/L	15.50 NTU	80.4 mV	11.75 ft	300.00 ml/min
2/16/2022 10:14 AM	20:00	5.56 pH	17.44 °C	71.35 µS/cm	0.80 mg/L	10.90 NTU	79.3 mV	11.75 ft	300.00 ml/min
2/16/2022 10:19 AM	25:00	5.56 pH	17.44 °C	71.92 µS/cm	0.75 mg/L	7.86 NTU	79.1 mV	11.75 ft	300.00 ml/min
2/16/2022 10:21 AM	27:52	5.56 pH	17.44 °C	69.73 µS/cm	0.77 mg/L	7.86 NTU	79.3 mV	11.75 ft	300.00 ml/min
2/16/2022 10:26 AM	32:52	5.56 pH	17.39 °C	71.91 µS/cm	0.79 mg/L	7.26 NTU	79.0 mV	11.75 ft	300.00 ml/min
2/16/2022 10:31 AM	37:52	5.57 pH	17.42 °C	71.54 µS/cm	0.81 mg/L	6.90 NTU	78.8 mV	11.75 ft	300.00 ml/min
2/16/2022 10:36 AM	42:52	5.57 pH	17.49 °C	71.78 µS/cm	0.80 mg/L	5.90 NTU	78.9 mV	11.75 ft	300.00 ml/min
2/16/2022 10:41 AM	47:52	5.58 pH	17.53 °C	71.87 µS/cm	0.82 mg/L	6.24 NTU	78.3 mV	11.75 ft	300.00 ml/min
2/16/2022 10:46 AM	52:52	5.58 pH	17.55 °C	71.98 µS/cm	0.87 mg/L	5.67 NTU	78.7 mV	11.75 ft	300.00 ml/min
2/16/2022 10:51 AM	57:52	5.59 pH	17.53 °C	72.16 µS/cm	0.84 mg/L	5.22 NTU	78.2 mV	11.75 ft	300.00 ml/min
2/16/2022 10:56 AM	01:02:52	5.59 pH	17.57 °C	72.19 µS/cm	0.81 mg/L	5.22 NTU	78.1 mV	11.75 ft	300.00 ml/min
2/16/2022 11:01 AM	01:07:52	5.59 pH	17.62 °C	72.30 µS/cm	0.79 mg/L	3.20 NTU	78.3 mV	11.75 ft	300.00 ml/min

2/16/2022 11:06 AM	01:12:52	5.59 pH	17.78 °C	72.00 µS/cm	0.79 mg/L	2.78 NTU	78.0 mV	11.75 ft	300.00 ml/min
2/16/2022 11:11 AM	01:17:52	5.60 pH	17.80 °C	72.16 µS/cm	0.80 mg/L	2.45 NTU	78.3 mV	11.75 ft	300.00 ml/min
2/16/2022 11:16 AM	01:22:52	5.60 pH	17.88 °C	71.84 µS/cm	0.79 mg/L	2.24 NTU	77.6 mV	11.75 ft	300.00 ml/min

Samples

Sample ID:	Description:
GWC-14	

Low-Flow Test Report:

Test Date / Time: 2/15/2022 11:57:41 AM

Project: Plant Scherer

Operator Name: Duane Fulton

Location Name: GWA-15 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 19.59 ft Total Depth: 29.59 ft Initial Depth to Water: 9.74 ft	Pump Type: QED Dedicated Pump Tubing Type: Polyethylene Tubing Inner Diameter: 0.170 in Tubing Length: 24 ft Pump Intake From TOC: 24 ft Estimated Total Volume Pumped: 7750 ml Flow Cell Volume: 90 ml Final Flow Rate: 225 ml/min Final Draw Down: 0.23 ft	Instrument Used: Aqua TROLL 400 Serial Number: 850751
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Test Notes:

Weather Conditions:

Clear / 53

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	
2/15/2022 11:57 AM	00:00	6.20 pH	19.84 °C	72.48 µS/cm	5.07 mg/L	3.45 NTU	73.4 mV	9.82 ft	200.00 ml/min
2/15/2022 12:02 PM	05:00	5.41 pH	18.03 °C	70.81 µS/cm	0.87 mg/L	20.30 NTU	93.6 mV	9.98 ft	225.00 ml/min
2/15/2022 12:07 PM	10:00	5.41 pH	17.99 °C	71.14 µS/cm	0.72 mg/L	7.39 NTU	96.8 mV	9.98 ft	225.00 ml/min
2/15/2022 12:12 PM	15:00	5.41 pH	17.99 °C	71.32 µS/cm	0.59 mg/L	3.68 NTU	98.4 mV	9.98 ft	225.00 ml/min
2/15/2022 12:17 PM	20:00	5.41 pH	18.00 °C	71.33 µS/cm	0.38 mg/L	3.61 NTU	99.3 mV	9.98 ft	225.00 ml/min
2/15/2022 12:22 PM	25:00	5.42 pH	17.96 °C	71.44 µS/cm	0.28 mg/L	2.55 NTU	99.6 mV	9.98 ft	225.00 ml/min
2/15/2022 12:27 PM	30:00	5.41 pH	17.88 °C	71.61 µS/cm	0.27 mg/L	1.79 NTU	100.4 mV	9.97 ft	225.00 ml/min
2/15/2022 12:32 PM	35:00	5.40 pH	17.81 °C	71.79 µS/cm	0.24 mg/L	1.25 NTU	100.8 mV	9.97 ft	225.00 ml/min

Samples

Sample ID:	Description:
GWA-15	

Low-Flow Test Report:

Test Date / Time: 2/15/2022 1:06:47 PM

Project: Plant Scherer

Operator Name: Duane Fulton

Location Name: GWA-16 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: 30.6 ft	Pump Type: QED Dedicated Pump Tubing Type: Polyethylene Tubing Inner Diameter: 0.170 in Tubing Length: 53 ft Pump Intake From TOC: 53 ft Estimated Total Volume Pumped: 6000 ml Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.18 ft	Instrument Used: Aqua TROLL 400 Serial Number: 850751
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Test Notes:

Weather Conditions:

Clear / 53

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	
2/15/2022 1:06 PM	00:00	6.17 pH	20.44 °C	107.06 µS/cm	6.61 mg/L	1.72 NTU	96.6 mV	30.75 ft	200.00 ml/min
2/15/2022 1:11 PM	05:00	6.43 pH	18.27 °C	126.59 µS/cm	5.74 mg/L	0.79 NTU	96.6 mV	30.75 ft	200.00 ml/min
2/15/2022 1:16 PM	10:00	6.43 pH	18.17 °C	127.75 µS/cm	5.74 mg/L	0.77 NTU	94.0 mV	30.78 ft	200.00 ml/min
2/15/2022 1:21 PM	15:00	6.44 pH	18.15 °C	127.96 µS/cm	5.74 mg/L	0.84 NTU	90.9 mV	30.79 ft	200.00 ml/min
2/15/2022 1:26 PM	20:00	6.43 pH	18.19 °C	128.14 µS/cm	5.73 mg/L	0.99 NTU	89.1 mV	30.78 ft	200.00 ml/min
2/15/2022 1:31 PM	25:00	6.44 pH	18.21 °C	128.18 µS/cm	5.71 mg/L	1.02 NTU	87.1 mV	30.78 ft	200.00 ml/min
2/15/2022 1:36 PM	30:00	6.46 pH	18.17 °C	128.26 µS/cm	5.71 mg/L	0.98 NTU	84.9 mV	30.78 ft	200.00 ml/min

Samples

Sample ID:	Description:
GWA-16	

Low-Flow Test Report:

Test Date / Time: 2/15/2022 2:08:23 PM

Project: Plant Scherer

Operator Name: Duane Fulton

Location Name: GWA-17 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: 29.49 ft	Pump Type: QED Dedicated Pump Tubing Type: Polyethylene Tubing Inner Diameter: 0.170 in Tubing Length: 41.76 ft Pump Intake From TOC: 41.76 ft Estimated Total Volume Pumped: 6875 ml Flow Cell Volume: 90 ml Final Flow Rate: 275 ml/min Final Draw Down: 0.38 ft	Instrument Used: Aqua TROLL 400 Serial Number: 850751
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Test Notes:

Weather Conditions:

Clear / 58

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	
2/15/2022 2:08 PM	00:00	6.42 pH	19.03 °C	100.34 µS/cm	6.86 mg/L	0.91 NTU	91.6 mV	29.80 ft	275.00 ml/min
2/15/2022 2:13 PM	05:00	6.18 pH	18.62 °C	99.90 µS/cm	7.12 mg/L	2.84 NTU	88.1 mV	29.83 ft	275.00 ml/min
2/15/2022 2:18 PM	10:00	6.19 pH	18.58 °C	103.79 µS/cm	7.10 mg/L	1.67 NTU	87.0 mV	29.83 ft	275.00 ml/min
2/15/2022 2:23 PM	15:00	6.20 pH	18.57 °C	107.09 µS/cm	7.04 mg/L	1.61 NTU	86.5 mV	29.85 ft	275.00 ml/min
2/15/2022 2:28 PM	20:00	6.19 pH	18.58 °C	108.42 µS/cm	7.05 mg/L	1.70 NTU	86.7 mV	29.85 ft	275.00 ml/min
2/15/2022 2:33 PM	25:00	6.20 pH	18.62 °C	109.14 µS/cm	7.02 mg/L	0.89 NTU	86.0 mV	29.87 ft	275.00 ml/min

Samples

Sample ID:	Description:
GWA-17	

Low-Flow Test Report:

Test Date / Time: 2/16/2022 11:06:14 AM

Project: Plant Scherer

Operator Name: C. Tidwell

Location Name: GWC-18 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: 33.47 ft	Pump Type: QED Well Wizard Tubing Type: Polyethylene Tubing Inner Diameter: 0.170 in Tubing Length: 62.46 ft Pump Intake From TOC: 62.46 ft Estimated Total Volume Pumped: 6000 ml Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.94 ft	Instrument Used: Aqua TROLL 400 Serial Number: 851413
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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	
2/16/2022 11:06 AM	00:00	6.64 pH	19.26 °C	117.27 µS/cm	6.63 mg/L	3.17 NTU	52.7 mV	33.47 ft	200.00 ml/min
2/16/2022 11:11 AM	05:00	6.64 pH	19.08 °C	117.39 µS/cm	7.04 mg/L	2.55 NTU	50.3 mV	34.40 ft	200.00 ml/min
2/16/2022 11:16 AM	10:00	6.54 pH	19.28 °C	116.65 µS/cm	7.03 mg/L	1.77 NTU	55.8 mV	34.40 ft	200.00 ml/min
2/16/2022 11:21 AM	15:00	6.59 pH	19.33 °C	102.15 µS/cm	6.98 mg/L	4.04 NTU	56.6 mV	34.40 ft	200.00 ml/min
2/16/2022 11:26 AM	20:00	6.60 pH	19.29 °C	116.68 µS/cm	6.92 mg/L	3.29 NTU	53.5 mV	34.41 ft	200.00 ml/min
2/16/2022 11:31 AM	25:00	6.61 pH	19.36 °C	116.86 µS/cm	6.99 mg/L	3.82 NTU	53.8 mV	34.41 ft	200.00 ml/min
2/16/2022 11:36 AM	30:00	6.54 pH	19.51 °C	116.40 µS/cm	6.90 mg/L	3.78 NTU	57.7 mV	34.41 ft	200.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 2/16/2022 10:16:06 AM

Project: Plant Scherer

Operator Name: C. Tidwell

Location Name: GWC-19 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: 37.29 ft	Pump Type: QED Well Wizard Tubing Type: Polyethylene Tubing Inner Diameter: 0.170 in Tubing Length: 54.51 ft 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: 1.56 ft	Instrument Used: Aqua TROLL 400 Serial Number: 851413
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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	
2/16/2022 10:16 AM	00:00	6.41 pH	19.09 °C	176.86 µS/cm	5.69 mg/L	0.75 NTU	54.0 mV	37.29 ft	200.00 ml/min
2/16/2022 10:21 AM	05:00	6.41 pH	19.22 °C	175.01 µS/cm	5.46 mg/L	0.25 NTU	55.7 mV	38.85 ft	200.00 ml/min
2/16/2022 10:26 AM	10:00	6.45 pH	19.19 °C	173.97 µS/cm	5.44 mg/L	0.21 NTU	57.7 mV	38.85 ft	200.00 ml/min
2/16/2022 10:31 AM	15:00	6.46 pH	19.32 °C	174.07 µS/cm	5.44 mg/L	0.16 NTU	54.2 mV	38.86 ft	200.00 ml/min
2/16/2022 10:36 AM	20:00	6.47 pH	18.93 °C	174.38 µS/cm	5.53 mg/L	0.17 NTU	58.5 mV	38.85 ft	200.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 2/16/2022 9:27:33 AM

Project: Plant Scherer

Operator Name: C. Tidwell

Location Name: GWC-20 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: 44.3 ft	Pump Type: QED Well Wizard Tubing Type: Polyethylene Tubing Inner Diameter: 0.170 in Tubing Length: 64.76 ft Pump Intake From TOC: 64.76 ft Estimated Total Volume Pumped: 4000 ml Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.36 ft	Instrument Used: Aqua TROLL 400 Serial Number: 851413
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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	
2/16/2022 9:27 AM	00:00	6.76 pH	17.85 °C	141.29 µS/cm	7.16 mg/L	2.21 NTU	48.5 mV	44.30 ft	200.00 ml/min
2/16/2022 9:32 AM	05:00	6.77 pH	18.05 °C	141.63 µS/cm	7.12 mg/L	3.57 NTU	47.5 mV	44.61 ft	200.00 ml/min
2/16/2022 9:37 AM	10:00	6.72 pH	17.90 °C	142.14 µS/cm	7.12 mg/L	3.29 NTU	49.7 mV	44.65 ft	200.00 ml/min
2/16/2022 9:42 AM	15:00	6.76 pH	18.39 °C	141.51 µS/cm	7.03 mg/L	3.58 NTU	47.8 mV	44.66 ft	200.00 ml/min
2/16/2022 9:47 AM	20:00	6.71 pH	18.39 °C	140.05 µS/cm	7.01 mg/L	2.92 NTU	53.1 mV	44.66 ft	200.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 5/12/2022 10:31:18 AM

Project: Plant Scherer

Operator Name: C Mikilitus

Location Name: GWC-4 Well Diameter: 2 in Casing Type: PVC Total Depth: 43.41 ft Initial Depth to Water: 31.28 ft	Pump Type: Bladder Pump Intake From TOC: 35.01 ft Estimated Total Volume Pumped: 3030 ml Flow Cell Volume: 90 ml Final Flow Rate: 150 ml/min Final Draw Down: 0.36 ft	Instrument Used: Aqua TROLL 400 Serial Number: 884189
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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	+/- 3 %	+/- 0.3	+/- 10	+/- 10	+/- 5	
5/12/2022 10:31 AM	00:00	6.26 pH	18.71 °C	236.39 µS/cm	4.97 mg/L	2.55 NTU	119.9 mV	31.59 ft	150.00 ml/min
5/12/2022 10:34 AM	03:07	6.24 pH	18.67 °C	245.33 µS/cm	5.07 mg/L		114.1 mV		150.00 ml/min
5/12/2022 10:35 AM	04:07	6.24 pH	18.71 °C	246.44 µS/cm	4.77 mg/L		109.0 mV		150.00 ml/min
5/12/2022 10:36 AM	05:12	6.23 pH	18.75 °C	250.18 µS/cm	4.57 mg/L	2.09 NTU	105.5 mV	31.58 ft	150.00 ml/min
5/12/2022 10:41 AM	10:12	6.21 pH	18.88 °C	242.29 µS/cm	4.05 mg/L	2.35 NTU	72.2 mV	31.64 ft	150.00 ml/min
5/12/2022 10:46 AM	15:12	6.19 pH	18.90 °C	240.52 µS/cm	4.17 mg/L	1.22 NTU	84.5 mV	31.65 ft	150.00 ml/min
5/12/2022 10:51 AM	20:12	6.19 pH	18.88 °C	245.99 µS/cm	4.22 mg/L	1.55 NTU	82.5 mV	31.64 ft	150.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 5/12/2022 1:07:22 PM

Project: Plant Scherer

Operator Name: C Mikilitus

Location Name: GWC-18 Well Diameter: 2 in Casing Type: PVC Total Depth: 71.25 ft	Pump Type: Bladder Estimated Total Volume Pumped: 10573.333 ml Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min	Instrument Used: Aqua TROLL 400 Serial Number: 884189
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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	+/- 5	
5/12/2022 1:07 PM	00:00	7.16 pH	29.51 °C	114.17 µS/cm	7.73 mg/L	2.33 NTU	94.9 mV	33.26 ft	200.00 ml/min
5/12/2022 1:12 PM	05:00	6.40 pH	22.61 °C	116.73 µS/cm	6.51 mg/L	2.39 NTU	74.4 mV	33.59 ft	200.00 ml/min
5/12/2022 1:17 PM	10:00	6.39 pH	20.93 °C	118.22 µS/cm	6.51 mg/L	1.92 NTU	81.6 mV	33.80 ft	200.00 ml/min
5/12/2022 1:22 PM	15:00	6.39 pH	20.69 °C	117.55 µS/cm	6.72 mg/L	2.12 NTU	61.6 mV	33.82 ft	200.00 ml/min
5/12/2022 1:27 PM	20:00	6.38 pH	20.51 °C	117.95 µS/cm	6.61 mg/L	2.00 NTU	59.2 mV	33.78 ft	200.00 ml/min
5/12/2022 1:32 PM	25:00	6.38 pH	20.51 °C	117.58 µS/cm	6.47 mg/L	1.96 NTU	58.1 mV	33.72 ft	200.00 ml/min
5/12/2022 1:37 PM	30:00	6.39 pH	20.45 °C	118.48 µS/cm	6.37 mg/L	2.74 NTU	57.3 mV	33.74 ft	200.00 ml/min
5/12/2022 1:42 PM	35:00	6.39 pH	20.40 °C	115.96 µS/cm	6.37 mg/L	3.96 NTU	57.0 mV	33.80 ft	200.00 ml/min
5/12/2022 1:47 PM	40:00	6.39 pH	20.32 °C	116.15 µS/cm	6.45 mg/L	3.81 NTU	56.9 mV	33.82 ft	200.00 ml/min
5/12/2022 1:52 PM	45:00	6.39 pH	20.35 °C	114.61 µS/cm	6.45 mg/L	5.06 NTU	56.9 mV	33.81 ft	200.00 ml/min
5/12/2022 1:57 PM	50:00	6.39 pH	20.39 °C	115.79 µS/cm	6.35 mg/L	5.96 NTU	56.8 mV	33.83 ft	200.00 ml/min
5/12/2022 2:00 PM	52:52	6.39 pH	20.43 °C	113.34 µS/cm	6.30 mg/L		56.0 mV		200.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 5/12/2022 12:03:08 PM

Project: Plant Scherer

Operator Name: C Mikilitus

Location Name: GWC-5 Well Diameter: 2 in Casing Type: PVC Total Depth: 34.16 ft Initial Depth to Water: 34.16 ft	Pump Type: Bladder Estimated Total Volume Pumped: 6000 ml Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: -15.33 ft	Instrument Used: Aqua TROLL 400 Serial Number: 884189
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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	+/- 5	
5/12/2022 12:03 PM	00:00	6.03 pH	20.84 °C	439.20 µS/cm	4.76 mg/L	1.87 NTU	141.2 mV	18.72 ft	200.00 ml/min
5/12/2022 12:08 PM	05:00	5.99 pH	20.31 °C	438.21 µS/cm	4.17 mg/L	0.98 NTU	86.0 mV	18.75 ft	200.00 ml/min
5/12/2022 12:13 PM	10:00	5.98 pH	20.26 °C	440.08 µS/cm	4.08 mg/L	1.26 NTU	87.9 mV	18.79 ft	200.00 ml/min
5/12/2022 12:18 PM	15:00	5.99 pH	20.18 °C	440.82 µS/cm	3.96 mg/L	0.87 NTU	81.8 mV	18.84 ft	200.00 ml/min
5/12/2022 12:23 PM	20:00	5.98 pH	20.27 °C	441.06 µS/cm	3.88 mg/L	0.86 NTU	78.5 mV	18.82 ft	200.00 ml/min
5/12/2022 12:28 PM	25:00	5.99 pH	20.31 °C	440.05 µS/cm	3.85 mg/L	0.77 NTU	76.1 mV	18.83 ft	200.00 ml/min
5/12/2022 12:33 PM	30:00	5.99 pH	20.29 °C	439.99 µS/cm	3.81 mg/L	0.66 NTU	74.9 mV	18.83 ft	200.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 5/12/2022 1:20:48 PM

Project: Plant Scherer

Operator Name: Jude Waguespack

Location Name: GWC-20 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: 44.6 ft	Pump Type: Dedicated Bladder Tubing Type: Polyethylene Pump Intake From TOC: 67 ft Estimated Total Volume Pumped: 5000 ml Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: -0.48 ft	Instrument Used: Aqua TROLL 400 Serial Number: 883533
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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 %	+/- 10	+/- 10	+/- 0.3	
5/12/2022 1:20 PM	00:00	7.94 pH	33.33 °C	146.90 µS/cm	7.47 mg/L	1.89 NTU	121.1 mV	44.60 ft	200.00 ml/min
5/12/2022 1:25 PM	05:00	6.59 pH	23.28 °C	147.76 µS/cm	6.85 mg/L	2.93 NTU	138.3 mV	44.10 ft	200.00 ml/min
5/12/2022 1:30 PM	10:00	6.56 pH	21.94 °C	141.17 µS/cm	7.34 mg/L	5.48 NTU	127.2 mV	44.12 ft	200.00 ml/min
5/12/2022 1:35 PM	15:00	6.55 pH	22.07 °C	148.76 µS/cm	7.23 mg/L	5.89 NTU	119.1 mV	44.12 ft	200.00 ml/min
5/12/2022 1:40 PM	20:00	6.53 pH	22.07 °C	146.76 µS/cm	7.01 mg/L	3.75 NTU	114.3 mV	44.12 ft	200.00 ml/min
5/12/2022 1:45 PM	25:00	6.52 pH	22.09 °C	148.55 µS/cm	7.09 mg/L	2.85 NTU	110.4 mV	44.12 ft	200.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 5/12/2022 12:05:09 PM

Project: Plant Scherer

Operator Name: Jude Waguespack

Location Name: GWC-10 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: 11.4 ft	Pump Type: Peristaltic Tubing Type: Polyethylene Pump Intake From TOC: 33 ft Estimated Total Volume Pumped: 6000 ml Flow Cell Volume: 90 ml Final Flow Rate: 300 ml/min Final Draw Down: 0.42 ft	Instrument Used: Aqua TROLL 400 Serial Number: 883533
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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 %	+/- 10	+/- 10	+/- 0.3	
5/12/2022 12:05 PM	00:00	6.29 pH	22.60 °C	191.95 µS/cm	0.67 mg/L	1.06 NTU	159.2 mV	10.40 ft	300.00 ml/min
5/12/2022 12:10 PM	05:00	6.29 pH	20.04 °C	201.25 µS/cm	0.70 mg/L	0.84 NTU	137.0 mV	10.80 ft	300.00 ml/min
5/12/2022 12:15 PM	10:00	6.30 pH	19.91 °C	198.45 µS/cm	0.69 mg/L	1.28 NTU	169.8 mV	10.81 ft	300.00 ml/min
5/12/2022 12:20 PM	15:00	6.30 pH	19.81 °C	196.11 µS/cm	0.68 mg/L	1.05 NTU	121.7 mV	10.82 ft	300.00 ml/min
5/12/2022 12:25 PM	20:00	6.31 pH	19.77 °C	189.79 µS/cm	0.72 mg/L	0.65 NTU	111.7 mV	10.82 ft	300.00 ml/min

Samples

Sample ID:	Description:
GWC-10	EB-1

Low-Flow Test Report:

Test Date / Time: 5/12/2022 10:43:27 AM

Project: Plant Scherer

Operator Name: Jude Waguespack

Location Name: 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: 8.62 ft	Pump Type: Peristaltic Tubing Type: Polyethylene Pump Intake From TOC: 33 ft Estimated Total Volume Pumped: 4000 ml Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.43 ft	Instrument Used: Aqua TROLL 400 Serial Number: 883533
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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 %	+/- 10	+/- 10	+/- 0.3	
5/12/2022 10:43 AM	00:00	6.56 pH	18.62 °C	192.00 µS/cm	4.58 mg/L	2.72 NTU	155.0 mV	8.62 ft	200.00 ml/min
5/12/2022 10:48 AM	05:00	6.54 pH	18.17 °C	192.76 µS/cm	4.80 mg/L	2.19 NTU	170.3 mV	9.02 ft	200.00 ml/min
5/12/2022 10:53 AM	10:00	6.54 pH	18.09 °C	192.15 µS/cm	5.07 mg/L	2.01 NTU	117.4 mV	9.03 ft	200.00 ml/min
5/12/2022 10:58 AM	15:00	6.53 pH	18.09 °C	191.08 µS/cm	5.23 mg/L	1.51 NTU	107.9 mV	9.05 ft	200.00 ml/min
5/12/2022 11:03 AM	20:00	6.55 pH	18.26 °C	190.49 µS/cm	5.21 mg/L	1.57 NTU	103.7 mV	9.05 ft	200.00 ml/min

Samples

Sample ID:	Description:
GWC-1	FB-1

Low-Flow Test Report:

Test Date / Time: 2/14/2022 10:28:52 AM

Project: Plant Scherer

Operator Name: C. Tidwell

Location Name: GWA-21 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: 2.95 ft	Pump Type: QED Well Wizard Tubing Type: Polyethylene Tubing Inner Diameter: 0.170 in Tubing Length: 15.6 ft Pump Intake From TOC: 15.6 ft Estimated Total Volume Pumped: 5400 ml Flow Cell Volume: 90 ml Final Flow Rate: 180 ml/min Final Draw Down: 0.59 ft	Instrument Used: Aqua TROLL 400 Serial Number: 851413
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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	
2/14/2022 10:28 AM	00:00	6.16 pH	14.99 °C	118.44 µS/cm	4.05 mg/L	2.95 NTU	58.3 mV	2.95 ft	180.00 ml/min
2/14/2022 10:33 AM	05:00	6.05 pH	15.43 °C	115.79 µS/cm	3.23 mg/L	1.78 NTU	46.7 mV	3.14 ft	180.00 ml/min
2/14/2022 10:38 AM	10:00	6.03 pH	15.96 °C	114.04 µS/cm	3.26 mg/L	1.98 NTU	41.1 mV	3.42 ft	180.00 ml/min
2/14/2022 10:43 AM	15:00	6.04 pH	16.33 °C	113.14 µS/cm	3.11 mg/L	0.70 NTU	40.9 mV	3.46 ft	180.00 ml/min
2/14/2022 10:48 AM	20:00	6.03 pH	16.78 °C	114.38 µS/cm	2.54 mg/L	0.71 NTU	37.2 mV	3.48 ft	180.00 ml/min
2/14/2022 10:53 AM	25:00	6.00 pH	16.69 °C	115.12 µS/cm	2.70 mg/L	0.69 NTU	37.9 mV	3.51 ft	180.00 ml/min
2/14/2022 10:58 AM	30:00	5.99 pH	16.96 °C	114.65 µS/cm	2.53 mg/L	0.66 NTU	38.1 mV	3.54 ft	180.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 2/15/2022 8:59:45 AM

Project: Plant Scherer

Operator Name: C. Tidwell

Location Name: GWA-22 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: 21.52 ft	Pump Type: QED Well Wizard Tubing Type: Polyethylene Tubing Inner Diameter: 0.170 in Tubing Length: 35 ft Pump Intake From TOC: 35 ft Estimated Total Volume Pumped: 9000 ml Flow Cell Volume: 90 ml Final Flow Rate: 100 ml/min Final Draw Down: 0.04 ft	Instrument Used: Aqua TROLL 400 Serial Number: 851413
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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	
2/15/2022 8:59 AM	00:00	6.83 pH	7.31 °C	153.85 µS/cm	6.16 mg/L	35.40 NTU	105.0 mV	21.52 ft	100.00 ml/min
2/15/2022 9:04 AM	05:00	6.47 pH	8.75 °C	125.35 µS/cm	5.87 mg/L	45.00 NTU	90.8 mV	21.54 ft	100.00 ml/min
2/15/2022 9:09 AM	10:00	6.43 pH	9.61 °C	117.75 µS/cm	6.10 mg/L	64.00 NTU	91.5 mV	21.54 ft	100.00 ml/min
2/15/2022 9:14 AM	15:00	6.56 pH	9.71 °C	115.35 µS/cm	11.52 mg/L	54.50 NTU	84.0 mV	21.55 ft	100.00 ml/min
2/15/2022 9:19 AM	20:00	6.57 pH	9.41 °C	0.50 µS/cm	8.20 mg/L	39.90 NTU	54.9 mV	21.55 ft	100.00 ml/min
2/15/2022 9:24 AM	25:00	6.42 pH	9.36 °C	113.86 µS/cm	5.42 mg/L	45.00 NTU	82.9 mV	21.55 ft	100.00 ml/min
2/15/2022 9:29 AM	30:00	6.40 pH	9.65 °C	114.79 µS/cm	4.98 mg/L	59.60 NTU	81.3 mV	21.56 ft	100.00 ml/min
2/15/2022 9:34 AM	35:00	6.40 pH	10.50 °C	116.09 µS/cm	5.18 mg/L	45.70 NTU	80.9 mV	21.56 ft	100.00 ml/min
2/15/2022 9:39 AM	40:00	6.57 pH	10.65 °C	116.77 µS/cm	9.75 mg/L	60.60 NTU	96.5 mV	21.56 ft	100.00 ml/min
2/15/2022 9:44 AM	45:00	6.48 pH	9.62 °C	114.02 µS/cm	7.19 mg/L	41.70 NTU	88.0 mV	21.56 ft	100.00 ml/min
2/15/2022 9:49 AM	50:00	6.41 pH	11.93 °C	112.54 µS/cm	5.35 mg/L	31.70 NTU	83.1 mV	21.56 ft	100.00 ml/min
2/15/2022 9:54 AM	55:00	6.41 pH	13.04 °C	113.08 µS/cm	4.86 mg/L	27.20 NTU	82.5 mV	21.56 ft	100.00 ml/min
2/15/2022 9:59 AM	01:00:00	6.40 pH	13.36 °C	112.99 µS/cm	4.78 mg/L	23.50 NTU	80.1 mV	21.56 ft	100.00 ml/min
2/15/2022 10:04 AM	01:05:00	6.40 pH	13.59 °C	113.43 µS/cm	4.85 mg/L	18.90 NTU	79.8 mV	21.56 ft	100.00 ml/min
2/15/2022 10:09 AM	01:10:00	6.40 pH	14.08 °C	113.30 µS/cm	4.77 mg/L	14.30 NTU	80.0 mV	21.56 ft	100.00 ml/min

2/15/2022 10:14 AM	01:15:00	6.40 pH	14.31 °C	112.84 µS/cm	4.77 mg/L	10.10 NTU	80.2 mV	21.56 ft	100.00 ml/min
2/15/2022 10:19 AM	01:20:00	6.40 pH	14.60 °C	112.44 µS/cm	4.67 mg/L	7.82 NTU	80.6 mV	21.56 ft	100.00 ml/min
2/15/2022 10:24 AM	01:25:00	6.39 pH	14.76 °C	112.82 µS/cm	4.76 mg/L	5.98 NTU	80.8 mV	21.56 ft	100.00 ml/min
2/15/2022 10:29 AM	01:30:00	6.40 pH	14.99 °C	113.41 µS/cm	4.77 mg/L	4.32 NTU	81.0 mV	21.56 ft	100.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 2/14/2022 2:54:13 PM

Project: Plant Scherer

Operator Name: C. Tidwell

Location Name: GWC-29 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 17 ft Total Depth: 27 ft Initial Depth to Water: 5.1 ft	Pump Type: QED Well Wizard Tubing Type: Polyethylene Tubing Inner Diameter: 0.170 in Tubing Length: 18.35 ft Pump Intake From TOC: 18.35 ft Estimated Total Volume Pumped: 4000 ml Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.39 ft	Instrument Used: Aqua TROLL 400 Serial Number: 851413
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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	
2/14/2022 2:54 PM	00:00	6.29 pH	17.32 °C	189.47 µS/cm	0.62 mg/L	1.87 NTU	309.3 mV	5.10 ft	200.00 ml/min
2/14/2022 2:59 PM	05:00	6.28 pH	16.94 °C	188.44 µS/cm	0.17 mg/L	0.66 NTU	367.2 mV	5.46 ft	200.00 ml/min
2/14/2022 3:04 PM	10:00	6.28 pH	16.84 °C	187.06 µS/cm	0.13 mg/L	1.17 NTU	415.7 mV	5.48 ft	200.00 ml/min
2/14/2022 3:09 PM	15:00	6.28 pH	16.74 °C	187.66 µS/cm	0.12 mg/L	0.76 NTU	405.4 mV	5.49 ft	200.00 ml/min
2/14/2022 3:14 PM	20:00	6.29 pH	16.74 °C	187.87 µS/cm	0.13 mg/L	0.85 NTU	412.7 mV	5.49 ft	200.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 2/14/2022 12:34:24 PM

Project: Plant Scherer

Operator Name: Duane Fulton

Location Name: GWA-45 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 26 ft Total Depth: 36 ft Initial Depth to Water: 13.5 ft	Pump Type: QED Dedicated Pump Tubing Type: Polyethylene Tubing Inner Diameter: 0.170 in Tubing Length: 31 ft Pump Intake From TOC: 31 ft Estimated Total Volume Pumped: 27400 ml Flow Cell Volume: 90 ml Final Flow Rate: 225 ml/min Final Draw Down: 0.97 ft	Instrument Used: Aqua TROLL 400 Serial Number: 850751
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Test Notes:

Weather Conditions:

Clear / 50

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	+/- 2	+/- 10	+/- 0.3	
2/14/2022 12:34 PM	00:00	6.37 pH	16.07 °C	515.26 µS/cm	8.69 mg/L	2.67 NTU	118.1 mV	13.66 ft	125.00 ml/min
2/14/2022 12:39 PM	05:00	6.20 pH	16.33 °C	521.02 µS/cm	3.07 mg/L	4.58 NTU	115.8 mV	13.82 ft	125.00 ml/min
2/14/2022 12:44 PM	10:00	6.23 pH	16.47 °C	516.70 µS/cm	2.72 mg/L	5.36 NTU	114.8 mV	13.88 ft	125.00 ml/min
2/14/2022 12:49 PM	15:00	6.23 pH	16.52 °C	514.81 µS/cm	1.66 mg/L	6.99 NTU	115.5 mV	13.85 ft	125.00 ml/min
2/14/2022 12:54 PM	20:00	6.26 pH	17.04 °C	512.87 µS/cm	0.69 mg/L	9.64 NTU	133.4 mV	14.14 ft	175.00 ml/min
2/14/2022 12:59 PM	25:00	6.27 pH	17.05 °C	509.60 µS/cm	0.67 mg/L	7.16 NTU	133.2 mV	14.15 ft	150.00 ml/min
2/14/2022 1:04 PM	30:00	6.28 pH	17.10 °C	507.46 µS/cm	0.71 mg/L	5.66 NTU	131.5 mV	14.15 ft	150.00 ml/min
2/14/2022 1:09 PM	35:00	6.30 pH	17.16 °C	502.60 µS/cm	0.61 mg/L	4.82 NTU	129.3 mV	14.13 ft	150.00 ml/min
2/14/2022 1:14 PM	40:00	6.31 pH	17.14 °C	498.22 µS/cm	0.71 mg/L	5.06 NTU	126.5 mV	14.12 ft	175.00 ml/min
2/14/2022 1:19 PM	45:00	6.31 pH	17.11 °C	495.52 µS/cm	0.85 mg/L	4.90 NTU	123.6 mV	14.13 ft	175.00 ml/min
2/14/2022 1:24 PM	50:00	6.31 pH	17.10 °C	495.93 µS/cm	0.72 mg/L	4.58 NTU	120.3 mV	14.13 ft	175.00 ml/min
2/14/2022 1:29 PM	55:00	6.33 pH	17.12 °C	488.10 µS/cm	0.66 mg/L	4.90 NTU	116.1 mV	14.10 ft	175.00 ml/min
2/14/2022 1:34 PM	01:00:00	6.33 pH	17.21 °C	485.71 µS/cm	0.66 mg/L	4.75 NTU	97.5 mV	14.13 ft	175.00 ml/min

2/14/2022 1:39 PM	01:05:00	6.31 pH	17.24 °C	484.20 µS/cm	0.67 mg/L	4.98 NTU	107.8 mV	14.15 ft	175.00 ml/min
2/14/2022 1:44 PM	01:10:00	6.33 pH	17.60 °C	477.04 µS/cm	0.68 mg/L	5.00 NTU	90.5 mV	14.15 ft	175.00 ml/min
2/14/2022 1:49 PM	01:15:00	6.34 pH	17.81 °C	473.72 µS/cm	0.74 mg/L	4.90 NTU	87.1 mV	14.15 ft	165.00 ml/min
2/14/2022 1:54 PM	01:20:00	6.35 pH	17.90 °C	473.16 µS/cm	0.79 mg/L	5.00 NTU	95.4 mV	14.15 ft	165.00 ml/min
2/14/2022 1:59 PM	01:25:00	6.34 pH	18.08 °C	473.28 µS/cm	0.80 mg/L	4.92 NTU	82.2 mV	14.00 ft	150.00 ml/min
2/14/2022 2:04 PM	01:30:00	6.33 pH	18.17 °C	469.09 µS/cm	0.83 mg/L	5.10 NTU	80.0 mV	14.25 ft	175.00 ml/min
2/14/2022 2:09 PM	01:35:00	6.40 pH	18.17 °C	460.82 µS/cm	1.13 mg/L	5.03 NTU	87.3 mV	14.35 ft	225.00 ml/min
2/14/2022 2:14 PM	01:40:00	6.37 pH	18.12 °C	460.84 µS/cm	1.02 mg/L	5.06 NTU	77.2 mV	14.45 ft	225.00 ml/min
2/14/2022 2:19 PM	01:45:00	6.37 pH	18.17 °C	459.99 µS/cm	1.05 mg/L	4.96 NTU	85.7 mV	14.45 ft	225.00 ml/min
2/14/2022 2:24 PM	01:50:00	6.36 pH	18.12 °C	460.61 µS/cm	1.01 mg/L	4.50 NTU	85.3 mV	14.46 ft	225.00 ml/min
2/14/2022 2:29 PM	01:55:00	6.35 pH	18.08 °C	457.45 µS/cm	0.98 mg/L	4.61 NTU	75.2 mV	14.46 ft	225.00 ml/min
2/14/2022 2:34 PM	02:00:00	6.34 pH	18.12 °C	459.93 µS/cm	0.93 mg/L	4.41 NTU	83.0 mV	14.48 ft	225.00 ml/min
2/14/2022 2:39 PM	02:05:00	6.36 pH	17.91 °C	460.04 µS/cm	0.92 mg/L	4.39 NTU	81.5 mV	14.48 ft	225.00 ml/min
2/14/2022 2:44 PM	02:10:00	6.35 pH	17.86 °C	460.76 µS/cm	0.89 mg/L	4.10 NTU	81.1 mV	14.47 ft	225.00 ml/min
2/14/2022 2:49 PM	02:15:00	6.34 pH	17.82 °C	461.50 µS/cm	0.87 mg/L	4.05 NTU	80.8 mV	14.45 ft	225.00 ml/min
2/14/2022 2:54 PM	02:20:00	6.34 pH	17.74 °C	457.58 µS/cm	0.87 mg/L	4.03 NTU	71.8 mV	14.49 ft	225.00 ml/min
2/14/2022 2:59 PM	02:25:00	6.34 pH	17.61 °C	461.86 µS/cm	0.87 mg/L	4.01 NTU	79.2 mV	14.48 ft	225.00 ml/min
2/14/2022 3:04 PM	02:30:00	6.31 pH	17.52 °C	461.94 µS/cm	0.86 mg/L	3.98 NTU	81.3 mV	14.47 ft	225.00 ml/min

Samples

Sample ID:	Description:
GWA-45	

Low-Flow Test Report:

Test Date / Time: 2/14/2022 3:44:06 PM

Project: Plant Scherer

Operator Name: Duane Fulton

Location Name: GWA-46 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 37 ft Total Depth: 47 ft Initial Depth to Water: 30.7 ft	Pump Type: QED Dedicated Pump Tubing Type: Polyethylene Tubing Inner Diameter: 0.170 in Tubing Length: 41 ft Pump Intake From TOC: 41 ft Estimated Total Volume Pumped: 4000 ml Flow Cell Volume: 90 ml Final Flow Rate: 150 ml/min Final Draw Down: 0.35 ft	Instrument Used: Aqua TROLL 400 Serial Number: 850751
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Test Notes:

Weather Conditions:

Clear

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	+/- 2	+/- 10	+/- 0.3	
2/14/2022 3:44 PM	00:00	6.05 pH	17.90 °C	92.91 µS/cm	6.75 mg/L	0.82 NTU	88.9 mV	31.00 ft	200.00 ml/min
2/14/2022 3:49 PM	05:00	5.91 pH	18.30 °C	93.26 µS/cm	2.50 mg/L	0.38 NTU	85.7 mV	31.05 ft	150.00 ml/min
2/14/2022 3:54 PM	10:00	5.89 pH	18.10 °C	90.28 µS/cm	2.38 mg/L	0.31 NTU	86.1 mV	31.05 ft	150.00 ml/min
2/14/2022 3:59 PM	15:00	5.87 pH	18.08 °C	88.74 µS/cm	2.41 mg/L	0.30 NTU	86.8 mV	31.08 ft	150.00 ml/min
2/14/2022 4:04 PM	20:00	5.85 pH	18.07 °C	88.39 µS/cm	2.43 mg/L	0.32 NTU	88.2 mV	31.05 ft	150.00 ml/min
2/14/2022 4:09 PM	25:00	5.85 pH	18.04 °C	88.57 µS/cm	2.37 mg/L	0.26 NTU	102.5 mV	31.05 ft	150.00 ml/min

Samples

Sample ID:	Description:
GWA-46	

Low-Flow Test Report:

Test Date / Time: 2/14/2022 3:30:56 PM

Project: Plant Scherer

Operator Name: K. Minkara

Location Name: GWA-47 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: 38.7 ft	Pump Type: QED Well Wizard Tubing Type: Polyethylene Tubing Inner Diameter: 0.170 in Tubing Length: 48.02 ft Pump Intake From TOC: 48.02 ft Estimated Total Volume Pumped: 3602 ml Flow Cell Volume: 90 ml Final Flow Rate: 120 ml/min Final Draw Down: 0.75 ft	Instrument Used: Aqua TROLL 400 Serial Number: 850767
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Test Notes:

Sampled after 1555 reading. Program froze and became disconnected between 1555-1600. Low flow ended and sampling began at 1600 (disregard final row of readings - use 15-25min intervals at stabilization parameters)

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 1000 %	+/- 5 %	+/- 10 %	+/- 2	+/- 1000 %	+/- 0.3	
2/14/2022 3:30 PM	00:00	5.44 pH	24.24 °C	0.68 µS/cm	8.21 mg/L	4.59 NTU	37.9 mV	38.70 ft	120.00 ml/min
2/14/2022 3:35 PM	05:00	6.68 pH	18.30 °C	155.23 µS/cm	6.35 mg/L	0.80 NTU	15.3 mV	39.15 ft	120.00 ml/min
2/14/2022 3:40 PM	10:00	6.59 pH	17.87 °C	157.02 µS/cm	5.61 mg/L	0.62 NTU	15.7 mV	39.40 ft	120.00 ml/min
2/14/2022 3:45 PM	15:00	6.60 pH	17.79 °C	157.48 µS/cm	5.47 mg/L	0.31 NTU	15.8 mV	39.45 ft	120.00 ml/min
2/14/2022 3:50 PM	20:00	6.60 pH	17.45 °C	157.19 µS/cm	5.45 mg/L	0.24 NTU	16.2 mV	39.45 ft	120.00 ml/min
2/14/2022 3:55 PM	25:00	6.60 pH	17.41 °C	156.87 µS/cm	5.44 mg/L	0.26 NTU	16.3 mV	39.45 ft	120.00 ml/min
2/14/2022 4:00 PM	30:01	7.10 pH	17.58 °C	0.00 µS/cm	9.49 mg/L	0.26 NTU	21.3 mV	39.45 ft	120.00 ml/min

Samples

Sample ID:	Description:
GWA-47	EB-5

Low-Flow Test Report:

Test Date / Time: 2/14/2022 10:38:03 AM

Project: Plant Scherer

Operator Name: K. Minkara

Location Name: GWA-48 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 63.92 ft Total Depth: 73.92 ft Initial Depth to Water: 36.15 ft	Pump Type: QED Well Wizard Tubing Type: Polyethylene Tubing Inner Diameter: 0.170 in Tubing Length: 68.92 ft Pump Intake From TOC: 68.92 ft Estimated Total Volume Pumped: 3600 ml Flow Cell Volume: 90 ml Final Flow Rate: 160 ml/min Final Draw Down: 1.85 ft	Instrument Used: Aqua TROLL 400 Serial Number: 850767
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 1000 %	+/- 5 %	+/- 10 %	+/- 2	+/- 1000 %	+/- 0.3	
2/14/2022 10:38 AM	00:00	7.38 pH	12.35 °C	152.08 µS/cm	10.44 mg/L	4.06 NTU	46.1 mV	36.15 ft	180.00 ml/min
2/14/2022 10:43 AM	05:00	6.88 pH	16.69 °C	151.17 µS/cm	5.69 mg/L	0.75 NTU	18.7 mV	37.42 ft	180.00 ml/min
2/14/2022 10:48 AM	10:00	6.91 pH	17.23 °C	150.60 µS/cm	5.55 mg/L	0.96 NTU	16.0 mV	37.75 ft	180.00 ml/min
2/14/2022 10:53 AM	15:00	6.92 pH	17.45 °C	149.88 µS/cm	5.49 mg/L	0.58 NTU	15.3 mV	38.00 ft	180.00 ml/min
2/14/2022 10:58 AM	20:00	6.93 pH	17.54 °C	150.84 µS/cm	5.51 mg/L	0.35 NTU	14.6 mV	38.00 ft	160.00 ml/min

Samples

Sample ID:	Description:
GWA-48	EB-4 with snips

Low-Flow Test Report:

Test Date / Time: 2/14/2022 1:18:28 PM

Project: Plant Scherer

Operator Name: C. Tidwell

Location Name: GWA-49 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 31 ft Total Depth: 41 ft Initial Depth to Water: 8.39 ft	Pump Type: QED Well Wizard Tubing Type: Polyethylene Tubing Inner Diameter: 0.170 in Tubing Length: 36 ft Pump Intake From TOC: 36 ft Estimated Total Volume Pumped: 4000 ml Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.45 ft	Instrument Used: Aqua TROLL 400 Serial Number: 851413
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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	
2/14/2022 1:18 PM	00:00	7.08 pH	20.73 °C	144.05 µS/cm	7.31 mg/L	14.80 NTU	55.4 mV	8.39 ft	200.00 ml/min
2/14/2022 1:23 PM	05:00	7.10 pH	18.97 °C	150.01 µS/cm	7.52 mg/L	5.82 NTU	54.4 mV	8.83 ft	200.00 ml/min
2/14/2022 1:28 PM	10:00	7.10 pH	18.97 °C	149.66 µS/cm	7.55 mg/L	6.93 NTU	54.5 mV	8.83 ft	200.00 ml/min
2/14/2022 1:33 PM	15:00	7.10 pH	18.98 °C	149.31 µS/cm	7.53 mg/L	5.53 NTU	54.9 mV	8.84 ft	200.00 ml/min
2/14/2022 1:38 PM	20:00	7.10 pH	18.98 °C	149.84 µS/cm	7.53 mg/L	4.85 NTU	55.0 mV	8.84 ft	200.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 2/14/2022 2:06:01 PM

Project: Plant Scherer

Operator Name: C. Tidwell

Location Name: GWC-50 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 26.3 ft Total Depth: 36.3 ft Initial Depth to Water: 8.1 ft	Pump Type: QED Well Wizard Tubing Type: Polyethylene Tubing Inner Diameter: 0.170 in Tubing Length: 28.07 ft Pump Intake From TOC: 28.07 ft Estimated Total Volume Pumped: 4000 ml Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 1.12 ft	Instrument Used: Aqua TROLL 400 Serial Number: 851413
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Test Notes:

Test complete at 14:26. Did not press finish until later.

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	
2/14/2022 2:06 PM	00:00	5.94 pH	19.38 °C	80.71 µS/cm	0.91 mg/L	3.80 NTU	78.5 mV	8.10 ft	200.00 ml/min
2/14/2022 2:11 PM	05:00	5.91 pH	18.52 °C	83.43 µS/cm	0.24 mg/L	7.94 NTU	114.1 mV	9.25 ft	200.00 ml/min
2/14/2022 2:16 PM	10:00	5.92 pH	18.45 °C	83.35 µS/cm	0.18 mg/L	7.10 NTU	159.7 mV	9.22 ft	200.00 ml/min
2/14/2022 2:21 PM	15:00	5.90 pH	18.34 °C	83.87 µS/cm	0.17 mg/L	5.89 NTU	235.9 mV	9.22 ft	200.00 ml/min
2/14/2022 2:26 PM	20:00	5.90 pH	18.29 °C	83.74 µS/cm	0.19 mg/L	4.91 NTU	296.7 mV	9.22 ft	200.00 ml/min
2/14/2022 2:31 PM	25:00	5.95 pH	18.39 °C	83.93 µS/cm	0.47 mg/L		317.8 mV	9.22 ft	200.00 ml/min
2/14/2022 2:38 PM	32:27	6.87 pH	19.79 °C	0.22 µS/cm	9.44 mg/L		56.1 mV	9.22 ft	200.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 2/15/2022 11:39:06 AM

Project: Plant Scherer

Operator Name: C. Tidwell

Location Name: GWC-51 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: 8.42 ft	Pump Type: QED Well Wizard Tubing Type: Polyethylene Tubing Inner Diameter: 0.170 in Tubing Length: 22 ft Pump Intake From TOC: 22 ft Estimated Total Volume Pumped: 3525 ml Flow Cell Volume: 90 ml Final Flow Rate: 180 ml/min Final Draw Down: 0.17 ft	Instrument Used: Aqua TROLL 400 Serial Number: 851413
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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	
2/15/2022 11:39 AM	00:00	6.02 pH	17.81 °C	95.65 µS/cm	0.54 mg/L	16.90 NTU	84.2 mV	8.42 ft	120.00 ml/min
2/15/2022 11:44 AM	05:00	6.02 pH	17.45 °C	97.20 µS/cm	0.41 mg/L	6.79 NTU	93.2 mV	8.55 ft	120.00 ml/min
2/15/2022 11:49 AM	10:00	6.02 pH	17.76 °C	97.76 µS/cm	0.37 mg/L	5.41 NTU	101.0 mV	8.59 ft	180.00 ml/min
2/15/2022 11:54 AM	15:00	6.03 pH	17.94 °C	97.64 µS/cm	0.34 mg/L	4.00 NTU	108.8 mV	8.59 ft	180.00 ml/min
2/15/2022 11:59 AM	20:00	6.02 pH	17.98 °C	97.01 µS/cm	0.31 mg/L	2.84 NTU	118.5 mV	8.59 ft	180.00 ml/min
2/15/2022 12:02 PM	22:55	6.01 pH	18.09 °C	97.75 µS/cm	0.30 mg/L	2.84 NTU	129.1 mV	8.59 ft	180.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 2/14/2022 1:43:49 PM

Project: Plant Scherer

Operator Name: K. Minkara

Location Name: GWC-52 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: 9.04 ft	Pump Type: QED Well Wizard Tubing Type: Polyethylene Tubing Inner Diameter: 0.170 in Tubing Length: 24.35 ft Pump Intake From TOC: 24.35 ft Estimated Total Volume Pumped: 4000 ml Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.26 ft	Instrument Used: Aqua TROLL 400 Serial Number: 850767
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 1000 %	+/- 5 %	+/- 10 %	+/- 2	+/- 1000 %	+/- 0.3	
2/14/2022 1:43 PM	00:00	6.63 pH	15.12 °C	335.71 µS/cm	8.44 mg/L	0.83 NTU	72.8 mV	9.04 ft	200.00 ml/min
2/14/2022 1:48 PM	05:00	6.74 pH	17.27 °C	299.28 µS/cm	0.73 mg/L	1.61 NTU	24.2 mV	9.30 ft	200.00 ml/min
2/14/2022 1:53 PM	10:00	6.77 pH	17.32 °C	300.05 µS/cm	0.53 mg/L	1.19 NTU	22.1 mV	9.30 ft	200.00 ml/min
2/14/2022 1:58 PM	15:00	6.78 pH	17.40 °C	296.61 µS/cm	0.57 mg/L	1.76 NTU	21.6 mV	9.30 ft	200.00 ml/min
2/14/2022 2:03 PM	20:00	6.79 pH	17.19 °C	295.07 µS/cm	0.53 mg/L	1.96 NTU	22.4 mV	9.30 ft	200.00 ml/min

Samples

Sample ID:	Description:
GWC-52	

Low-Flow Test Report:

Test Date / Time: 2/14/2022 11:28:32 AM

Project: Plant Scherer

Operator Name: K. Minkara

Location Name: GWC-53 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: 9.64 ft	Pump Type: QED Well Wizard Tubing Type: Polyethylene Tubing Inner Diameter: 0.170 in Tubing Length: 24.19 ft Pump Intake From TOC: 24.19 ft Estimated Total Volume Pumped: 13000 ml Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.46 ft	Instrument Used: Aqua TROLL 400 Serial Number: 850767
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 1000 %	+/- 5 %	+/- 10 %	+/- 2	+/- 1000 %	+/- 0.3	
2/14/2022 11:28 AM	00:00	7.15 pH	17.72 °C	506.00 µS/cm	7.05 mg/L	4.65 NTU	42.4 mV	9.64 ft	300.00 ml/min
2/14/2022 11:33 AM	05:00	5.79 pH	16.43 °C	537.83 µS/cm	0.88 mg/L	7.11 NTU	23.0 mV	10.33 ft	300.00 ml/min
2/14/2022 11:38 AM	10:00	5.76 pH	16.22 °C	538.01 µS/cm	0.47 mg/L	12.90 NTU	20.7 mV	10.10 ft	200.00 ml/min
2/14/2022 11:43 AM	15:00	5.73 pH	16.21 °C	540.51 µS/cm	0.41 mg/L	8.01 NTU	19.8 mV	10.10 ft	200.00 ml/min
2/14/2022 11:48 AM	20:00	5.71 pH	16.20 °C	538.76 µS/cm	0.35 mg/L	8.14 NTU	19.5 mV	10.10 ft	200.00 ml/min
2/14/2022 11:53 AM	25:00	5.69 pH	16.12 °C	540.90 µS/cm	0.34 mg/L	7.85 NTU	19.0 mV	10.10 ft	200.00 ml/min
2/14/2022 11:58 AM	30:00	5.71 pH	16.14 °C	539.84 µS/cm	0.32 mg/L	6.66 NTU	18.7 mV	10.10 ft	200.00 ml/min
2/14/2022 12:03 PM	35:00	5.67 pH	16.06 °C	539.09 µS/cm	0.27 mg/L	6.09 NTU	18.8 mV	10.10 ft	200.00 ml/min
2/14/2022 12:08 PM	40:00	5.66 pH	16.36 °C	537.87 µS/cm	0.26 mg/L	5.19 NTU	18.2 mV	10.10 ft	200.00 ml/min
2/14/2022 12:13 PM	45:00	5.66 pH	16.24 °C	538.67 µS/cm	0.26 mg/L	4.83 NTU	17.7 mV	10.10 ft	200.00 ml/min
2/14/2022 12:18 PM	50:00	5.66 pH	16.43 °C	536.43 µS/cm	0.25 mg/L	4.71 NTU	17.5 mV	10.10 ft	200.00 ml/min
2/14/2022 12:23 PM	55:00	5.66 pH	16.30 °C	539.14 µS/cm	0.25 mg/L	4.13 NTU	16.9 mV	10.10 ft	200.00 ml/min
2/14/2022 12:28 PM	01:00:00	5.65 pH	16.34 °C	537.84 µS/cm	0.25 mg/L	4.42 NTU	16.9 mV	10.10 ft	200.00 ml/min

Samples

Sample ID:	Description:
GWC-53	DUP-5

Low-Flow Test Report:

Test Date / Time: 2/16/2022 8:52:23 AM

Project: Plant Scherer

Operator Name: K. Minkara

Location Name: SWA-1	Pump Type: Surface Water Flow Cell Volume: 90 ml	Instrument Used: Aqua TROLL 400 Serial Number: 850767
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water
		+/- 0.1	+/- 1000 %	+/- 5 %	+/- 10 %	+/- 2	+/- 1000 %	+/- 0.3
2/16/2022 8:52 AM	00:00	7.83 pH	8.70 °C	280.90 µS/cm	11.52 mg/L		94.8 mV	
2/16/2022 8:53 AM	01:00	7.82 pH	8.66 °C	281.96 µS/cm	11.55 mg/L	13.20 NTU	94.2 mV	

Samples

Sample ID:	Description:
SWA-1	

Low-Flow Test Report:

Test Date / Time: 2/16/2022 12:20:40 PM

Project: Plant Scherer

Operator Name: K. Minkara

Location Name: SWA-2	Pump Type: Surface Water Flow Cell Volume: 90 ml	Instrument Used: Aqua TROLL 400 Serial Number: 850767
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water
		+/- 0.1	+/- 1000 %	+/- 5 %	+/- 10 %	+/- 2	+/- 1000 %	+/- 0.3
2/16/2022 12:20 PM	00:00	7.02 pH	15.34 °C	505.05 µS/cm	9.46 mg/L		21.2 mV	
2/16/2022 12:21 PM	01:00	7.02 pH	15.43 °C	505.83 µS/cm	9.49 mg/L	6.16 NTU	20.0 mV	

Samples

Sample ID:	Description:
SWA-3	

Low-Flow Test Report:

Test Date / Time: 2/16/2022 11:59:40 AM

Project: Plant Scherer

Operator Name: K. Minkara

Location Name: SWA-3	Pump Type: Surface Water Flow Cell Volume: 90 ml	Instrument Used: Aqua TROLL 400 Serial Number: 850767
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water
		+/- 0.1	+/- 1000 %	+/- 5 %	+/- 10 %	+/- 2	+/- 1000 %	+/- 0.3
2/16/2022 11:59 AM	00:00	7.04 pH	14.65 °C	333.68 µS/cm	9.60 mg/L		28.6 mV	
2/16/2022 12:00 PM	01:00	6.98 pH	14.17 °C	337.46 µS/cm	9.88 mg/L	2.48 NTU	29.7 mV	

Samples

Sample ID:	Description:
SWA-3	

Low-Flow Test Report:

Test Date / Time: 2/16/2022 9:19:45 AM

Project: Plant Scherer

Operator Name: K. Minkara

Location Name: SWC-4	Pump Type: Surface Water Flow Cell Volume: 90 ml	Instrument Used: Aqua TROLL 400 Serial Number: 850767
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water
		+/- 0.1	+/- 1000 %	+/- 5 %	+/- 10 %	+/- 2	+/- 1000 %	+/- 0.3
2/16/2022 9:19 AM	00:00	7.30 pH	9.26 °C	330.25 µS/cm	10.97 mg/L		62.3 mV	
2/16/2022 9:20 AM	01:00	7.29 pH	9.36 °C	329.44 µS/cm	10.94 mg/L	7.33 NTU	61.1 mV	

Samples

Sample ID:	Description:
SWC-4	

Low-Flow Test Report:

Test Date / Time: 2/16/2022 9:40:00 AM

Project: Plant Scherer

Operator Name: K. Minkara

Location Name: SWC-5	Pump Type: Surface Water Flow Cell Volume: 90 ml	Instrument Used: Aqua TROLL 400 Serial Number: 850767
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water
		+/- 0.1	+/- 1000 %	+/- 5 %	+/- 10 %	+/- 2	+/- 1000 %	+/- 0.3
2/16/2022 9:40 AM	00:00	7.15 pH	10.63 °C	356.57 µS/cm	10.03 mg/L		56.7 mV	
2/16/2022 9:41 AM	01:00	7.15 pH	10.69 °C	355.40 µS/cm	10.04 mg/L	0.88 NTU	56.4 mV	

Samples

Sample ID:	Description:
SWC-5	

Low-Flow Test Report:

Test Date / Time: 2/16/2022 11:14:04 AM

Project: Plant Scherer

Operator Name: K. Minkara

Location Name: SWC-6	Pump Type: Surface Water Flow Cell Volume: 90 ml	Instrument Used: Aqua TROLL 400 Serial Number: 850767
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water
		+/- 0.1	+/- 1000 %	+/- 5 %	+/- 10 %	+/- 2	+/- 1000 %	+/- 0.3
2/16/2022 11:14 AM	00:00	7.51 pH	12.11 °C	110.28 µS/cm	10.41 mg/L		43.9 mV	
2/16/2022 11:15 AM	01:00	7.42 pH	11.95 °C	111.19 µS/cm	10.62 mg/L	7.74 NTU	44.5 mV	

Samples

Sample ID:	Description:
SWC-6	

Low-Flow Test Report:

Test Date / Time: 2/16/2022 10:56:34 AM

Project: Plant Scherer

Operator Name: K. Minkara

Location Name: SWC-7	Pump Type: Surface Water Flow Cell Volume: 90 ml	Instrument Used: Aqua TROLL 400 Serial Number: 850767
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water
		+/- 0.1	+/- 1000 %	+/- 5 %	+/- 10 %	+/- 2	+/- 1000 %	+/- 0.3
2/16/2022 10:56 AM	00:00	7.33 pH	12.40 °C	277.09 µS/cm	10.79 mg/L		62.7 mV	
2/16/2022 10:57 AM	01:00	7.39 pH	11.84 °C	281.87 µS/cm	11.22 mg/L	19.80 NTU	62.6 mV	

Samples

Sample ID:	Description:
SWC-7	

Low-Flow Test Report:

Test Date / Time: 2/16/2022 11:43:37 AM

Project: Plant Scherer

Operator Name: K. Minkara

Location Name: SWC-8	Pump Type: Surface Water Flow Cell Volume: 90 ml	Instrument Used: Aqua TROLL 400 Serial Number: 850767
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water
		+/- 0.1	+/- 1000 %	+/- 5 %	+/- 10 %	+/- 2	+/- 1000 %	+/- 0.3
2/16/2022 11:43 AM	00:00	7.05 pH	14.59 °C	410.99 µS/cm	10.02 mg/L		35.6 mV	
2/16/2022 11:44 AM	01:00	7.05 pH	14.72 °C	409.56 µS/cm	10.04 mg/L	3.58 NTU	34.5 mV	
2/16/2022 11:45 AM	02:00	7.05 pH	14.90 °C	409.79 µS/cm	10.07 mg/L		33.7 mV	

Samples

Sample ID:	Description:
SWC-8	

Low-Flow Test Report:

Test Date / Time: 2/16/2022 10:01:04 AM

Project: Plant Scherer

Operator Name: K. Minkara

Location Name: SWC-9	Pump Type: Surface Water Flow Cell Volume: 90 ml	Instrument Used: Aqua TROLL 400 Serial Number: 850767
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water
		+/- 0.1	+/- 1000 %	+/- 5 %	+/- 10 %	+/- 2	+/- 1000 %	+/- 0.3
2/16/2022 10:01 AM	00:00	7.15 pH	15.75 °C	116.78 µS/cm	9.10 mg/L		51.3 mV	
2/16/2022 10:02 AM	01:00	7.15 pH	15.71 °C	117.86 µS/cm	9.10 mg/L	4.50 NTU	52.4 mV	

Samples

Sample ID:	Description:
SWC-9	

APPENDIX A

**Instrument Calibration Forms
February 2022**

Project Plant Scherer *Include daily mid-day pH check*
Field Staff J. Waguespack, D. Fulton, K. Minkara, J. Booth, C. Tidwell

Instrument Calibration

		Date: 02/08/22		Date: 02/09/22		
		Time: 14:37		Time: 07:45 15:50		
Parameter	Units	Standard	SmarTROLL SN <u>728423</u> iPad # _____	Mid-Day pH	SmarTROLL SN <u>728423</u> iPad # _____	Mid-Day pH
DO	% saturation	100	99.75	-----	100.1	-----
Conductivity	us/cm	4490	3,721.9	-----	4679.3	-----
pH	S.U.	4.00	4.02	---	3.97	4.12
pH	S.U.	7.00	7.07	---	7.03	7.13
pH	S.U.	10.00	9.95	---	9.94	10.14
ORP	mV	228.00	232.2	-----	232	-----

		HACH		HACH		HACH		HACH	
		Units	Standard	LaMotte SN <u>131100029451</u>	LaMotte SN <u>131100029451</u>	LaMotte SN <u>131100029455</u>	LaMotte SN <u>131100029455</u>	LaMotte SN <u>131100029455</u>	LaMotte SN <u>131100029455</u>
Turbidity	NTU	20	20.4	---	---	19.7	---	21.1	---
	NTU	100	99.0	---	---	97.4	---	100.1	---
	NTU	1000	806	---	---	806	---	799	---

		Date: 02/10/22		Date: 02/11/22		
		Time: 07:10		Time: 14:10 07:15 14:00		
Parameter	Units	Standard	SmarTROLL SN <u>850751</u> iPad # <u>110</u>	Mid-Day pH	SmarTROLL SN <u>850751</u> iPad # <u>110</u>	Mid-Day pH
DO	% saturation	100	103.1	-----	97.56	-----
Conductivity	us/cm	4490	4,409.3	-----	4507.1	-----
pH	S.U.	4.00	3.87	3.91	3.97	4.02
pH	S.U.	7.00	6.91	7.09	7.05	7.05
pH	S.U.	10.00	10.10	10.10	10.10	10.01
ORP	mV	228.00	222.6	-----	224.1	-----

		HACH		HACH		HACH		HACH	
		Units	Standard	LaMotte SN <u>131100029455</u>	LaMotte SN <u>131100029455</u>	LaMotte SN <u>131100029455</u>	LaMotte SN <u>131100029455</u>	LaMotte SN <u>131100029455</u>	LaMotte SN <u>131100029455</u>
Turbidity	NTU	20	20.4	21.1	---	20.5	---	19.7	---
	NTU	100	101	107.7	---	102	---	99.1	---
	NTU	1000	812	819	---	768	---	808	---

Project Plant Scherer *Include daily mid-day pH check*
Field Staff J. Waguespack, D. Fulton, K. Minkara, J. Booth, C. Tidwell

Instrument Calibration

		Date:	2/8/2022		2/9/22	
		Time:	14:25		09:47	
Parameter	Units	Standard	SmarTROLL SN 851413 iPad # 80	Mid-Day pH	SmarTROLL SN 851413 iPad # 80	Mid-Day pH
DO	% saturation	100	99.0	-----	97.40	-----
Conductivity	us/cm	4490	4485.00	-----	4828.4	-----
pH	S.U.	4.00	4.01	N/A	3.84	4.03
pH	S.U.	7.00	7.03	N/A	7.00	6.99
pH	S.U.	10.00	10.08	N/A	10.07	10.03
ORP	mV	228.00	247.9	-----	249.7	-----

Turbidity	Units	Standard	LaMotte SN 110800011670	LaMotte SN 110800011670	LaMotte SN 110800011670	LaMotte SN
	NTU	0.0/0.0	103	103		
	NTU	1.0/2.0	21.2	19.7		
	NTU	10.0	10.7	9.68		

		Date:	2/10/22		2/11/22	
		Time:	08:00		08:00	
Parameter	Units	Standard	SmarTROLL SN 851413 iPad # 80	Mid-Day pH	SmarTROLL SN 851413 iPad #	Mid-Day pH
DO	% saturation	100	102.1	-----	99.05	-----
Conductivity	us/cm	4490	4832.0	-----	4486.2	-----
pH	S.U.	4.00	4.00	N/A	4.02	
pH	S.U.	7.00	7.07	N/A	7.06	
pH	S.U.	10.00	10.12	N/A	10.07	
ORP	mV	228.00	247.0	-----	246.4	-----

Turbidity	Units	Standard	LaMotte SN 110800011670	LaMotte SN 110800011670	LaMotte SN	LaMotte SN
	NTU/0.0	0.0/0.0	99	102		
	NTU/2.0	1.0/2.0	19.1	19.8		
	NTU	10.0	9.48	10.5		

Include daily mid-day pH check

Project Plant Scherer
Field Staff J. Waguespack, D. Fulton, K. Minkara, J. Booth, C. Tidwell

Instrument Calibration

		Date:	02/14/22		02/15/22	
		Time:	07:30	14:15	07:30	15:30
Parameter	Units	Standard	SmarTROLL SN 850751 iPad # 110	Mid-Day pH	SmarTROLL SN 850751 iPad # 110	Mid-Day pH
DO	% saturation	100	100.51	-----	101.6	-----
Conductivity	us/cm	4490	4354.4	-----	4557.5	-----
pH	S.U.	4.00	4.02	4.05	3.98	4.07
pH	S.U.	7.00	7.05	7.03	7.02	7.10
pH	S.U.	10.00	10.07	10.05	10.10	10.05
ORP	mV	228.00	222	-----	237.6	-----

Turbidity	Units	Standard	HACH LaMotte SN	HACH LaMotte SN	HACH LaMotte SN	HACH LaMotte SN
	NTU	20	19.9	20.1	20.9	---
NTU	100	98.0	99.7	97.9	---	
NTU	1000	831	817	824	---	

		Date:	02/14/22			
		Time:	07:30			
Parameter	Units	Standard	SmarTROLL SN 850751 iPad # 110	Mid-Day pH	SmarTROLL SN _____ iPad # _____	Mid-Day pH
DO	% saturation	100	99.30 99.30	-----		-----
Conductivity	us/cm	4490	4483.1	-----		-----
pH	S.U.	4.00	4.00			
pH	S.U.	7.00	7.03			
pH	S.U.	10.00	10.04			
ORP	mV	228.00	226.7	-----		-----

Turbidity	Units	Standard	HACH LaMotte SN 131100240	LaMotte SN	LaMotte SN	LaMotte SN
	NTU	20	20.4			
NTU	100	102				

807 806

Project Plant Scherer
Field Staff J.Waguespack / E. Rheams / D. Cox / N. Tejada

Include daily mid-day pH check

Instrument Calibration

Date: 02/10/22
Time: 08:00

Parameter	Units	Standard	SmarTROLL SN <u>850767</u> iPad # _____	SmarTROLL SN _____ iPad # _____	SmarTROLL SN _____ iPad # _____	SmarTROLL SN _____ iPad # _____
DO	% saturation	100	104.1			
Conductivity	us/cm	4490	4199.0			
pH	S.U.	4.00	4.00			
pH	S.U.	7.00	7.03			
pH	S.U.	10.00	10.14			
ORP	mV	228.00	221			

Turbidity	Units	Standard	LaMotte SN _____	LaMotte SN _____	LaMotte SN _____	LaMotte SN _____
	NTU	0.0				
	NTU	1.0				
	NTU	10.0				

Date:
Time:

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

Turbidity	Units	Standard	LaMotte SN _____	LaMotte SN _____	LaMotte SN _____	LaMotte SN _____
	NTU	0.0				
	NTU	1.0				
	NTU	10.0				

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

Include daily mid-day pH check

Project Plant Scherer
Field Staff J. Waguespack, D. Fulton, K. Minkara, J. Booth, C. Tidwell

Instrument Calibration

		Date:	02/09/22		2-14-22	
		Time:	08:05		900	1340
Parameter	Units	Standard	SmarTROLL SN <u>850767</u> iPad # _____	Mid-Day pH	SmarTROLL SN <u>8627</u> iPad # <u>76</u>	Mid-Day pH
DO	% saturation	100	98.68	-----	99.07	-----
Conductivity	us/cm	4490	4696	-----	3967	-----
pH	S.U.	4.00	3.96		4.03	
pH	S.U.	7.00	7.08		7.08	7.07
pH	S.U.	10.00	10.10		10.18	
ORP	mV	228.00	229.0	-----	228.1	-----

Turbidity	Units	Standard	LaMotte SN	LaMotte SN	LaMotte SN	LaMotte SN
	NTU	20 0.0			20.0	
	NTU	100 1.0			101	
	NTU	800 10.0			795	

		Date:	2-15-22		2-16-22	
		Time:	730	1205	0730	
Parameter	Units	Standard	SmarTROLL SN <u>850757</u> iPad # <u>76</u>	Mid-Day pH	SmarTROLL SN <u>850757</u> iPad # _____	Mid-Day pH
DO	% saturation	100	100.8	-----	100.21	-----
Conductivity	us/cm	4490	5424.3	-----	4549.2	-----
pH	S.U.	4.00	3.87		3.96	
pH	S.U.	7.00	7.06	7.36*	6.89	
pH	S.U.	10.00	10.09		9.74	
ORP	mV	228.00	226.4	-----	225.0	-----

Turbidity	Units	Standard	LaMotte SN	LaMotte SN	LaMotte SN	LaMotte SN
	NTU	20 0.0	19.4		20.0	
	NTU	100 1.0	99.8		100.1	

800
800.1
800.0
recalibrated
7pH

Project Plant Scherer **Include daily mid-day pH check**
Field Staff J. Waguespack, D. Fulton, K. Minkara, J. Booth, C. Tidwell

Instrument Calibration

		Date:	2/16/22			
		Time:	08:00			
Parameter	Units	Standard	SmarTROLL SN <u>843285</u> iPad # <u>-</u>	Mid-Day pH	SmarTROLL SN _____ iPad # _____	Mid-Day pH
DO	% saturation	100	100.92	-----		-----
Conductivity	us/cm	4490	4508.5	-----		-----
pH	S.U.	4.00	4.02			
pH	S.U.	7.00	7.03			
pH	S.U.	10.00	10.04			
ORP	mV	228.00	228.0	-----		-----

HACH

Turbidity	Units	Standard	LaMotte SN <u>11080 C011670</u>	LaMotte SN _____	LaMotte SN _____	LaMotte SN _____
	NTU	20.0	19.4			
	NTU	100.0	97.7			
	NTU	800.0 10.0	779 9.57			

		Date:				
		Time:				
Parameter	Units	Standard	SmarTROLL SN _____ iPad # _____	Mid-Day pH	SmarTROLL SN _____ iPad # _____	Mid-Day pH
DO	% saturation	100		-----		-----
Conductivity	us/cm	4490		-----		-----
pH	S.U.	4.00				
pH	S.U.	7.00				
pH	S.U.	10.00				
ORP	mV	228.00		-----		-----

Turbidity	Units	Standard	LaMotte SN _____	LaMotte SN _____	LaMotte SN _____	LaMotte SN _____
	NTU	0.0				
	NTU	1.0				
	NTU	10.0				

Include daily mid-day pH check

Project Plant Scherer
Field Staff J. Waguespack, D. Fulton, K. Minkara, J. Booth, C. Tidwell

Instrument Calibration

		Date:	2/8/22			
		Time:	14:14			
Parameter	Units	Standard	SmarTROLL SN <u>850751</u> iPad # <u>10</u>	Mid-Day pH	SmarTROLL SN _____ iPad # _____	Mid-Day pH
DO	% saturation	100	100.93	-----		-----
Conductivity	us/cm	4490	4528.0	-----		-----
pH	S.U.	4.00	3.82			
pH	S.U.	7.00	7.16			
pH	S.U.	10.00	10.32			
ORP	mV	228.00	248.1	-----		-----

Turbidity	Units	Standard	LaMotte SN <u>HACH</u> <u>118502009431</u>	LaMotte SN	LaMotte SN	LaMotte SN
	NTU	0.0 20	23.1 21.1			
	NTU	1.0 100	104 98.3			
	NTU	10.0 800	814 804			
		10.0	10.2			

		Date:				
		Time:				
Parameter	Units	Standard	SmarTROLL SN _____ iPad # _____	Mid-Day pH	SmarTROLL SN _____ iPad # _____	Mid-Day pH
DO	% saturation	100		-----		-----
Conductivity	us/cm	4490		-----		-----
pH	S.U.	4.00				
pH	S.U.	7.00				
pH	S.U.	10.00				
ORP	mV	228.00		-----		-----

Turbidity	Units	Standard	LaMotte SN	LaMotte SN	LaMotte SN	LaMotte SN
	NTU	0.0				
	NTU	1.0				

Project Plant Scherer *Include daily mid-day pH check*
Field Staff J. Waguespack, D. Fulton, K. Minkara, J. Booth, C. Tidwell

Instrument Calibration

		Date:	2-8-22		2-9-22	
		Time:	1455		0800	1240
Parameter	Units	Standard	SmarTROLL SN <u>850767</u> iPad # <u>99</u>	Mid-Day pH	SmarTROLL SN <u>850767</u> iPad # <u>99</u>	Mid-Day pH
DO	% saturation	100	98.28	-----	98.68	-----
Conductivity	us/cm	4490	4347	-----	4696	-----
pH	S.U.	4.00	4.07		3.96	
pH	S.U.	7.00	6.98	N/A	7.08	7.03
pH	S.U.	10.00	10.05		10.10	
ORP	mV	228.00	222.2	-----	229.0	-----

Turbidity	Units	Standard	LaMotte SN	LaMotte SN	LaMotte SN	LaMotte SN
	NTU	20.00		19.8		20.1
NTU	100.00		101		106	
NTU	800 10.0		794		806	

		Date:	2-10-22			
		Time:	800	1300		
Parameter	Units	Standard	SmarTROLL SN <u>850767</u> iPad # _____	Mid-Day pH	SmarTROLL SN <u>850767</u> iPad # <u>99</u>	Mid-Day pH
DO	% saturation	100	106.1	-----	94.68	-----
Conductivity	us/cm	4490	4199	-----	4475	-----
pH	S.U.	4.00	4.00		4.03	
pH	S.U.	7.00	7.03	6.99	6.99	
pH	S.U.	10.00	10.14		10.07	
ORP	mV	228.00	221	-----	226.0	-----

Turbidity	Units	Standard	LaMotte SN	LaMotte SN	LaMotte SN	LaMotte SN
	NTU	20.00		24.3		ca 1
NTU	100.00		997		check	
NTU	800 10.0		806		passed	

10.2 ✓

10.1 ✓

APPENDIX B

**Analytical Results, Laboratory Accreditation, and
Data Validation Summaries**

APPENDIX B

Laboratory Analytical Data
February 2022

ANALYTICAL REPORT

Eurofins Pittsburgh
301 Alpha Drive
RIDC Park
Pittsburgh, PA 15238
Tel: (412)963-7058

Laboratory Job ID: 180-133869-1
Client Project/Site: Plant Scherer Cell 1

For:
Southern Company
241 Ralph McGill Blvd SE
B10185
Atlanta, Georgia 30308

Attn: Joju Abraham



Authorized for release by:
3/3/2022 9:48:48 PM

Shali Brown, Project Manager II
(615)301-5031
Shali.Brown@Eurofinset.com

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

PA Lab ID: 02-00416



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Case Narrative

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

Job ID: 180-133869-1

Laboratory: Eurofins Pittsburgh

Narrative

**Job Narrative
180-133869-1**

Comments

No additional comments.

Receipt

The samples were received on 2/17/2022 9:30 AM and 2/21/2022 9:30 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 4 coolers at receipt time were 3.2° C, 3.6° C, 4.1° C and 8.7° C.

Receipt Exceptions

The container label for the following sample did not match the information listed on the Chain-of-Custody (COC): GWC-3 (180-133869-3). The container labels list a sample id of GWC-15, while the COC lists GWC-3. The collections times matched therefore the ID on the COC was used.

The following samples were received at the laboratory outside the required temperature criteria in one cooler (8.7°C): GWC-13 (180-133984-3), GWC-14 (180-133984-4), GWC-19 (180-133984-6) and GWC-20 (180-133984-7). This does not meet regulatory requirements. The client was contacted regarding this issue, and the laboratory was instructed to proceed with/cancel analysis.

GC Semi VOA

Method 300.0: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 180-388878 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery 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 analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Field Service / Mobile Lab

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

General Chemistry

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

Definitions/Glossary

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

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
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.
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.
α	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

Accreditation/Certification Summary

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

Laboratory: Eurofins Pittsburgh

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Arkansas DEQ	State	19-033-0	06-27-22
California	State	2891	04-30-22
Connecticut	State	PH-0688	09-30-22
Florida	NELAP	E871008	06-30-22
Georgia	State	PA 02-00416	04-30-22
Illinois	NELAP	004375	06-30-22
Kansas	NELAP	E-10350	03-31-22
Kentucky (UST)	State	162013	04-30-22
Kentucky (WW)	State	KY98043	12-31-22
Louisiana	NELAP	04041	06-30-22
Maine	State	PA00164	03-06-22
Minnesota	NELAP	042-999-482	12-31-22
Nevada	State	PA00164	08-31-22
New Hampshire	NELAP	2030	04-05-22
New Jersey	NELAP	PA005	06-30-23
New York	NELAP	11182	04-02-22
North Carolina (WW/SW)	State	434	12-31-22
North Dakota	State	R-227	04-30-22
Oregon	NELAP	PA-2151	02-06-22 *
Pennsylvania	NELAP	02-00416	04-30-22
Rhode Island	State	LAO00362	12-31-21 *
South Carolina	State	89014	06-30-22
Texas	NELAP	T104704528	03-31-22
USDA	Federal	P-Soil-01	06-26-22
USDA	US Federal Programs	P330-16-00211	06-26-22
Utah	NELAP	PA001462019-8	05-31-22
Virginia	NELAP	10043	09-15-22
West Virginia DEP	State	142	01-31-23
Wisconsin	State	998027800	08-31-22

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Sample Summary

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
180-133869-1	GWC-1	Water	02/15/22 13:01	02/17/22 09:30
180-133869-2	GWC-2	Water	02/15/22 11:05	02/17/22 09:30
180-133869-3	GWC-3	Water	02/15/22 15:55	02/17/22 09:30
180-133869-4	GWC-4	Water	02/15/22 10:10	02/17/22 09:30
180-133869-5	GWC-5	Water	02/15/22 14:05	02/17/22 09:30
180-133869-6	GWC-6	Water	02/15/22 13:25	02/17/22 09:30
180-133869-7	GWC-7	Water	02/15/22 12:30	02/17/22 09:30
180-133869-8	GWC-8A	Water	02/15/22 09:30	02/17/22 09:30
180-133869-9	GWC-9	Water	02/15/22 10:50	02/17/22 09:30
180-133869-10	GWC-10	Water	02/15/22 15:05	02/17/22 09:30
180-133869-11	GWA-15	Water	02/15/22 12:35	02/17/22 09:30
180-133869-12	GWA-16	Water	02/15/22 13:38	02/17/22 09:30
180-133869-13	GWA-17	Water	02/15/22 14:35	02/17/22 09:30
180-133869-14	FB-6	Water	02/15/22 12:45	02/17/22 09:30
180-133869-15	FB-7	Water	02/15/22 14:55	02/17/22 09:30
180-133869-16	EB-6	Water	02/15/22 10:00	02/17/22 09:30
180-133869-17	EB-7	Water	02/15/22 15:15	02/17/22 09:30
180-133869-18	DUP-6	Water	02/15/22 00:00	02/17/22 09:30
180-133984-1	GWC-11	Water	02/16/22 11:55	02/21/22 09:30
180-133984-2	GWC-12	Water	02/16/22 12:56	02/21/22 09:30
180-133984-3	GWC-13	Water	02/16/22 09:25	02/21/22 09:30
180-133984-4	GWC-14	Water	02/16/22 11:19	02/21/22 09:30
180-133984-5	GWC-18	Water	02/16/22 11:35	02/21/22 09:30
180-133984-6	GWC-19	Water	02/16/22 10:36	02/21/22 09:30
180-133984-7	GWC-20	Water	02/16/22 09:48	02/21/22 09:30
180-133984-8	DUP-7	Water	02/16/22 00:00	02/21/22 09:30



Method Summary

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

Method	Method Description	Protocol	Laboratory
EPA 300.0 R2.1	Anions, Ion Chromatography	EPA	TAL PIT
EPA 6020B	Metals (ICP/MS)	SW846	TAL PIT
EPA 7470A	Mercury (CVAA)	SW846	TAL PIT
SM 2540C	Solids, Total Dissolved (TDS)	SM	TAL PIT
SM2320 B	Alkalinity, Total	SM18	TAL PIT
Field Sampling	Field Sampling	EPA	TAL PIT
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	TAL PIT
7470A	Preparation, Mercury	SW846	TAL PIT

Protocol References:

EPA = US Environmental Protection Agency

SM = "Standard Methods For The Examination Of Water And Wastewater"

SM18 = "Standard Methods For The Examination Of Water And Wastewater", 18th Edition, 1992.

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

Laboratory References:

TAL PIT = Eurofins Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

Lab Chronicle

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

Client Sample ID: GWC-1
Date Collected: 02/15/22 13:01
Date Received: 02/17/22 09:30

Lab Sample ID: 180-133869-1
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	EPA 300.0 R2.1 Instrument ID: CHICS2100B		1			388878	02/20/22 12:30	JRB	TAL PIT
Total Recoverable	Prep	3005A			25 mL	25 mL	388850	02/19/22 10:29	KFS	TAL PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: NEMO		1			389213	02/22/22 12:49	RSK	TAL PIT
Total/NA	Prep	7470A			25 mL	25 mL	389781	02/28/22 11:33	RJR	TAL PIT
Total/NA	Analysis	EPA 7470A Instrument ID: HGY		1			390002	03/01/22 19:08	RJR	TAL PIT
Total/NA	Analysis	SM 2540C Instrument ID: NOEQUIP		1	100 mL	100 mL	388814	02/18/22 15:20	JCR	TAL PIT
Total/NA	Analysis	SM2320 B Instrument ID: PCTITRATOR		1			389234	02/22/22 22:18	CMT	TAL PIT
Total/NA	Analysis	Field Sampling Instrument ID: NOEQUIP		1			389613	02/15/22 13:01	FDS	TAL PIT

Client Sample ID: GWC-2
Date Collected: 02/15/22 11:05
Date Received: 02/17/22 09:30

Lab Sample ID: 180-133869-2
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	EPA 300.0 R2.1 Instrument ID: CHICS2100B		1			388878	02/20/22 12:43	JRB	TAL PIT
Total Recoverable	Prep	3005A			25 mL	25 mL	388850	02/19/22 10:29	KFS	TAL PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: NEMO		1			389213	02/22/22 12:52	RSK	TAL PIT
Total/NA	Prep	7470A			25 mL	25 mL	389781	02/28/22 11:33	RJR	TAL PIT
Total/NA	Analysis	EPA 7470A Instrument ID: HGY		1			390002	03/01/22 19:11	RJR	TAL PIT
Total/NA	Analysis	SM 2540C Instrument ID: NOEQUIP		1	100 mL	100 mL	388814	02/18/22 15:20	JCR	TAL PIT
Total/NA	Analysis	SM2320 B Instrument ID: PCTITRATOR		1			389234	02/22/22 22:26	CMT	TAL PIT
Total/NA	Analysis	Field Sampling Instrument ID: NOEQUIP		1			389613	02/15/22 11:05	FDS	TAL PIT

Client Sample ID: GWC-3
Date Collected: 02/15/22 15:55
Date Received: 02/17/22 09:30

Lab Sample ID: 180-133869-3
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	EPA 300.0 R2.1 Instrument ID: CHICS2100B		1			388878	02/20/22 12:57	JRB	TAL PIT
Total Recoverable	Prep	3005A			25 mL	25 mL	388850	02/19/22 10:29	KFS	TAL PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: NEMO		1			389213	02/22/22 12:54	RSK	TAL PIT

Eurofins Pittsburgh

Lab Chronicle

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

Client Sample ID: GWC-3
Date Collected: 02/15/22 15:55
Date Received: 02/17/22 09:30

Lab Sample ID: 180-133869-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7470A			25 mL	25 mL	389781	02/28/22 11:33	RJR	TAL PIT
Total/NA	Analysis	EPA 7470A		1			390002	03/01/22 19:12	RJR	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	388829	02/18/22 18:15	JCR	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM2320 B		1			389234	02/22/22 22:47	CMT	TAL PIT
Instrument ID: PCTITRATOR										
Total/NA	Analysis	Field Sampling		1			389613	02/15/22 15:55	FDS	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: GWC-4
Date Collected: 02/15/22 10:10
Date Received: 02/17/22 09:30

Lab Sample ID: 180-133869-4
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	EPA 300.0 R2.1		1			388878	02/20/22 13:11	JRB	TAL PIT
Instrument ID: CHICS2100B										
Total Recoverable	Prep	3005A			25 mL	25 mL	388850	02/19/22 10:29	KFS	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			389213	02/22/22 12:57	RSK	TAL PIT
Instrument ID: NEMO										
Total/NA	Prep	7470A			25 mL	25 mL	389781	02/28/22 11:33	RJR	TAL PIT
Total/NA	Analysis	EPA 7470A		1			390002	03/01/22 19:13	RJR	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	388829	02/18/22 18:15	JCR	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM2320 B		1			389234	02/22/22 23:01	CMT	TAL PIT
Instrument ID: PCTITRATOR										
Total/NA	Analysis	Field Sampling		1			389613	02/15/22 10:10	FDS	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: GWC-5
Date Collected: 02/15/22 14:05
Date Received: 02/17/22 09:30

Lab Sample ID: 180-133869-5
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	EPA 300.0 R2.1		1			388878	02/20/22 13:24	JRB	TAL PIT
Instrument ID: CHICS2100B										
Total Recoverable	Prep	3005A			25 mL	25 mL	388851	02/19/22 10:32	KFS	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			389213	02/22/22 14:50	RSK	TAL PIT
Instrument ID: NEMO										
Total/NA	Prep	7470A			25 mL	25 mL	389781	02/28/22 11:33	RJR	TAL PIT
Total/NA	Analysis	EPA 7470A		1			390002	03/01/22 19:14	RJR	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	388829	02/18/22 18:15	JCR	TAL PIT
Instrument ID: NOEQUIP										

Eurofins Pittsburgh

Lab Chronicle

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

Client Sample ID: GWC-5
Date Collected: 02/15/22 14:05
Date Received: 02/17/22 09:30

Lab Sample ID: 180-133869-5
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	SM2320 B		1			389234	02/22/22 23:08	CMT	TAL PIT
Total/NA	Analysis	Field Sampling		1			389613	02/15/22 14:05	FDS	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: GWC-6
Date Collected: 02/15/22 13:25
Date Received: 02/17/22 09:30

Lab Sample ID: 180-133869-6
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	EPA 300.0 R2.1		1			388878	02/20/22 14:05	JRB	TAL PIT
Instrument ID: CHICS2100B										
Total Recoverable	Prep	3005A			25 mL	25 mL	388851	02/19/22 10:32	KFS	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			389213	02/22/22 15:02	RSK	TAL PIT
Instrument ID: NEMO										
Total/NA	Prep	7470A			25 mL	25 mL	389781	02/28/22 11:33	RJR	TAL PIT
Total/NA	Analysis	EPA 7470A		1			390002	03/01/22 19:15	RJR	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	388829	02/18/22 18:15	JCR	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM2320 B		1			389234	02/22/22 23:22	CMT	TAL PIT
Instrument ID: PCTITRATOR										
Total/NA	Analysis	Field Sampling		1			389613	02/15/22 13:25	FDS	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: GWC-7
Date Collected: 02/15/22 12:30
Date Received: 02/17/22 09:30

Lab Sample ID: 180-133869-7
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	EPA 300.0 R2.1		1			388878	02/20/22 14:46	JRB	TAL PIT
Instrument ID: CHICS2100B										
Total Recoverable	Prep	3005A			25 mL	25 mL	388851	02/19/22 10:32	KFS	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			389213	02/22/22 15:04	RSK	TAL PIT
Instrument ID: NEMO										
Total/NA	Prep	7470A			25 mL	25 mL	389781	02/28/22 11:33	RJR	TAL PIT
Total/NA	Analysis	EPA 7470A		1			390002	03/01/22 19:20	RJR	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	388829	02/18/22 18:15	JCR	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM2320 B		1			389234	02/22/22 23:29	CMT	TAL PIT
Instrument ID: PCTITRATOR										
Total/NA	Analysis	Field Sampling		1			389613	02/15/22 12:30	FDS	TAL PIT
Instrument ID: NOEQUIP										

Lab Chronicle

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

Client Sample ID: GWC-8A
Date Collected: 02/15/22 09:30
Date Received: 02/17/22 09:30

Lab Sample ID: 180-133869-8
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	EPA 300.0 R2.1 Instrument ID: CHICS2100B		1			388878	02/20/22 15:00	JRB	TAL PIT
Total Recoverable	Prep	3005A			25 mL	25 mL	388851	02/19/22 10:32	KFS	TAL PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: NEMO		1			389213	02/22/22 15:07	RSK	TAL PIT
Total/NA	Prep	7470A			25 mL	25 mL	389781	02/28/22 11:33	RJR	TAL PIT
Total/NA	Analysis	EPA 7470A Instrument ID: HGY		1			390002	03/01/22 19:21	RJR	TAL PIT
Total/NA	Analysis	SM 2540C Instrument ID: NOEQUIP		1	100 mL	100 mL	388829	02/18/22 18:15	JCR	TAL PIT
Total/NA	Analysis	SM2320 B Instrument ID: PCTITRATOR		1			389234	02/22/22 23:36	CMT	TAL PIT
Total/NA	Analysis	Field Sampling Instrument ID: NOEQUIP		1			389613	02/15/22 09:30	FDS	TAL PIT

Client Sample ID: GWC-9
Date Collected: 02/15/22 10:50
Date Received: 02/17/22 09:30

Lab Sample ID: 180-133869-9
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	EPA 300.0 R2.1 Instrument ID: CHICS2100B		1			388878	02/20/22 15:13	JRB	TAL PIT
Total Recoverable	Prep	3005A			25 mL	25 mL	388851	02/19/22 10:32	KFS	TAL PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: NEMO		1			389213	02/22/22 15:14	RSK	TAL PIT
Total/NA	Prep	7470A			25 mL	25 mL	389781	02/28/22 11:33	RJR	TAL PIT
Total/NA	Analysis	EPA 7470A Instrument ID: HGY		1			390002	03/01/22 19:22	RJR	TAL PIT
Total/NA	Analysis	SM 2540C Instrument ID: NOEQUIP		1	100 mL	100 mL	388829	02/18/22 18:15	JCR	TAL PIT
Total/NA	Analysis	SM2320 B Instrument ID: PCTITRATOR		1			389234	02/22/22 23:44	CMT	TAL PIT
Total/NA	Analysis	Field Sampling Instrument ID: NOEQUIP		1			389613	02/15/22 10:50	FDS	TAL PIT

Client Sample ID: GWC-10
Date Collected: 02/15/22 15:05
Date Received: 02/17/22 09:30

Lab Sample ID: 180-133869-10
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	EPA 300.0 R2.1 Instrument ID: CHICS2100B		1			388878	02/20/22 15:27	JRB	TAL PIT
Total Recoverable	Prep	3005A			25 mL	25 mL	388851	02/19/22 10:32	KFS	TAL PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: NEMO		1			389213	02/22/22 15:17	RSK	TAL PIT

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Lab Chronicle

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

Client Sample ID: GWC-10

Lab Sample ID: 180-133869-10

Date Collected: 02/15/22 15:05

Matrix: Water

Date Received: 02/17/22 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7470A			25 mL	25 mL	389781	02/28/22 11:33	RJR	TAL PIT
Total/NA	Analysis	EPA 7470A		1			390002	03/01/22 19:23	RJR	TAL PIT
		Instrument ID: HGY								
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	388829	02/18/22 18:15	JCR	TAL PIT
		Instrument ID: NOEQUIP								
Total/NA	Analysis	SM2320 B		1			389234	02/22/22 23:51	CMT	TAL PIT
		Instrument ID: PCTITRATOR								
Total/NA	Analysis	Field Sampling		1			389613	02/15/22 15:05	FDS	TAL PIT
		Instrument ID: NOEQUIP								

Client Sample ID: GWA-15

Lab Sample ID: 180-133869-11

Date Collected: 02/15/22 12:35

Matrix: Water

Date Received: 02/17/22 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			388878	02/20/22 15:41	JRB	TAL PIT
		Instrument ID: CHICS2100B								
Total Recoverable	Prep	3005A			25 mL	25 mL	388851	02/19/22 10:32	KFS	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			389213	02/22/22 15:20	RSK	TAL PIT
		Instrument ID: NEMO								
Total/NA	Prep	7470A			25 mL	25 mL	389781	02/28/22 11:33	RJR	TAL PIT
Total/NA	Analysis	EPA 7470A		1			390002	03/01/22 19:24	RJR	TAL PIT
		Instrument ID: HGY								
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	388829	02/18/22 18:15	JCR	TAL PIT
		Instrument ID: NOEQUIP								
Total/NA	Analysis	SM2320 B		1			389234	02/23/22 00:29	CMT	TAL PIT
		Instrument ID: PCTITRATOR								
Total/NA	Analysis	Field Sampling		1			389613	02/15/22 12:35	FDS	TAL PIT
		Instrument ID: NOEQUIP								

Client Sample ID: GWA-16

Lab Sample ID: 180-133869-12

Date Collected: 02/15/22 13:38

Matrix: Water

Date Received: 02/17/22 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			388878	02/20/22 15:54	JRB	TAL PIT
		Instrument ID: CHICS2100B								
Total Recoverable	Prep	3005A			25 mL	25 mL	388851	02/19/22 10:32	KFS	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			389213	02/22/22 15:22	RSK	TAL PIT
		Instrument ID: NEMO								
Total/NA	Prep	7470A			25 mL	25 mL	389781	02/28/22 11:33	RJR	TAL PIT
Total/NA	Analysis	EPA 7470A		1			390002	03/01/22 19:25	RJR	TAL PIT
		Instrument ID: HGY								
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	388829	02/18/22 18:15	JCR	TAL PIT
		Instrument ID: NOEQUIP								

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Lab Chronicle

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

Client Sample ID: GWA-16

Lab Sample ID: 180-133869-12

Date Collected: 02/15/22 13:38

Matrix: Water

Date Received: 02/17/22 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM2320 B		1			389234	02/23/22 00:44	CMT	TAL PIT
Total/NA	Analysis	Field Sampling		1			389613	02/15/22 13:38	FDS	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: GWA-17

Lab Sample ID: 180-133869-13

Date Collected: 02/15/22 14:35

Matrix: Water

Date Received: 02/17/22 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			388878	02/20/22 16:08	JRB	TAL PIT
Instrument ID: CHICS2100B										
Total Recoverable	Prep	3005A			25 mL	25 mL	388851	02/19/22 10:32	KFS	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			389213	02/22/22 15:25	RSK	TAL PIT
Instrument ID: NEMO										
Total/NA	Prep	7470A			25 mL	25 mL	389781	02/28/22 11:33	RJR	TAL PIT
Total/NA	Analysis	EPA 7470A		1			390002	03/01/22 19:26	RJR	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	388829	02/18/22 18:15	JCR	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM2320 B		1			389234	02/23/22 00:51	CMT	TAL PIT
Instrument ID: PCTITRATOR										
Total/NA	Analysis	Field Sampling		1			389613	02/15/22 14:35	FDS	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: FB-6

Lab Sample ID: 180-133869-14

Date Collected: 02/15/22 12:45

Matrix: Water

Date Received: 02/17/22 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			388878	02/20/22 16:22	JRB	TAL PIT
Instrument ID: CHICS2100B										
Total Recoverable	Prep	3005A			25 mL	25 mL	388851	02/19/22 10:32	KFS	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			389213	02/22/22 15:28	RSK	TAL PIT
Instrument ID: NEMO										
Total/NA	Prep	7470A			25 mL	25 mL	389781	02/28/22 11:33	RJR	TAL PIT
Total/NA	Analysis	EPA 7470A		1			390002	03/01/22 19:27	RJR	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	388829	02/18/22 18:15	JCR	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM2320 B		1			389234	02/23/22 00:57	CMT	TAL PIT
Instrument ID: PCTITRATOR										

Lab Chronicle

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

Client Sample ID: FB-7

Lab Sample ID: 180-133869-15

Date Collected: 02/15/22 14:55

Matrix: Water

Date Received: 02/17/22 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: CHICS2100B		1			388878	02/20/22 17:30	JRB	TAL PIT
Total Recoverable	Prep	3005A			25 mL	25 mL	388851	02/19/22 10:32	KFS	TAL PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: NEMO		1			389213	02/22/22 15:30	RSK	TAL PIT
Total/NA	Prep	7470A			25 mL	25 mL	389781	02/28/22 11:33	RJR	TAL PIT
Total/NA	Analysis	EPA 7470A Instrument ID: HGY		1			390002	03/01/22 19:28	RJR	TAL PIT
Total/NA	Analysis	SM 2540C Instrument ID: NOEQUIP		1	100 mL	100 mL	388829	02/18/22 18:15	JCR	TAL PIT
Total/NA	Analysis	SM2320 B Instrument ID: PCTITRATOR		1			389234	02/23/22 01:01	CMT	TAL PIT

Client Sample ID: EB-6

Lab Sample ID: 180-133869-16

Date Collected: 02/15/22 10:00

Matrix: Water

Date Received: 02/17/22 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: CHICS2100B		1			388878	02/20/22 18:11	JRB	TAL PIT
Total Recoverable	Prep	3005A			25 mL	25 mL	389665	02/26/22 08:56	KFS	TAL PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: A		1			390021	03/01/22 22:57	RSK	TAL PIT
Total Recoverable	Prep	3005A			25 mL	25 mL	388851	02/19/22 10:32	KFS	TAL PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: NEMO		1			389213	02/22/22 15:33	RSK	TAL PIT
Total/NA	Prep	7470A			25 mL	25 mL	389781	02/28/22 11:33	RJR	TAL PIT
Total/NA	Analysis	EPA 7470A Instrument ID: HGY		1			390002	03/01/22 19:29	RJR	TAL PIT
Total/NA	Analysis	SM 2540C Instrument ID: NOEQUIP		1	100 mL	100 mL	388829	02/18/22 18:15	JCR	TAL PIT
Total/NA	Analysis	SM2320 B Instrument ID: PCTITRATOR		1			389234	02/23/22 01:06	CMT	TAL PIT

Client Sample ID: EB-7

Lab Sample ID: 180-133869-17

Date Collected: 02/15/22 15:15

Matrix: Water

Date Received: 02/17/22 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: CHICS2100B		1			388878	02/20/22 18:24	JRB	TAL PIT
Total Recoverable	Prep	3005A			25 mL	25 mL	388851	02/19/22 10:32	KFS	TAL PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: NEMO		1			389213	02/22/22 15:35	RSK	TAL PIT

Lab Chronicle

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

Client Sample ID: EB-7

Date Collected: 02/15/22 15:15

Date Received: 02/17/22 09:30

Lab Sample ID: 180-133869-17

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7470A			25 mL	25 mL	389781	02/28/22 11:33	RJR	TAL PIT
Total/NA	Analysis	EPA 7470A		1			390002	03/01/22 19:33	RJR	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	389176	02/22/22 17:21	JCR	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM2320 B		1			389234	02/23/22 01:22	CMT	TAL PIT
Instrument ID: PCTITRATOR										

Client Sample ID: DUP-6

Date Collected: 02/15/22 00:00

Date Received: 02/17/22 09:30

Lab Sample ID: 180-133869-18

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	EPA 300.0 R2.1		1			388878	02/20/22 18:38	JRB	TAL PIT
Instrument ID: CHICS2100B										
Total Recoverable	Prep	3005A			25 mL	25 mL	388851	02/19/22 10:32	KFS	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			389213	02/22/22 15:43	RSK	TAL PIT
Instrument ID: NEMO										
Total/NA	Prep	7470A			25 mL	25 mL	389781	02/28/22 11:33	RJR	TAL PIT
Total/NA	Analysis	EPA 7470A		1			390002	03/01/22 19:34	RJR	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	388829	02/18/22 18:15	JCR	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM2320 B		1			389234	02/23/22 01:33	CMT	TAL PIT
Instrument ID: PCTITRATOR										

Client Sample ID: GWC-11

Date Collected: 02/16/22 11:55

Date Received: 02/21/22 09:30

Lab Sample ID: 180-133984-1

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	EPA 300.0 R2.1		1			389765	03/01/22 02:09	JRB	TAL PIT
Instrument ID: INTEGRION										
Total Recoverable	Prep	3005A			25 mL	25 mL	389538	02/25/22 07:59	KFS	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			389850	02/26/22 09:34	RSK	TAL PIT
Instrument ID: A										
Total/NA	Prep	7470A			25 mL	25 mL	389940	03/01/22 13:20	RJR	TAL PIT
Total/NA	Analysis	EPA 7470A		1			390002	03/01/22 19:49	RJR	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	389182	02/22/22 17:41	JCR	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM2320 B		1			389884	02/26/22 19:31	CMT	TAL PIT
Instrument ID: PCTITRATOR										
Total/NA	Analysis	Field Sampling		1			389904	02/16/22 11:55	FDS	TAL PIT
Instrument ID: NOEQUIP										

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Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

Client Sample ID: GWC-12
Date Collected: 02/16/22 12:56
Date Received: 02/21/22 09:30

Lab Sample ID: 180-133984-2
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	EPA 300.0 R2.1		1			389765	02/28/22 23:40	JRB	TAL PIT
Instrument ID: INTEGRION										
Total Recoverable	Prep	3005A			25 mL	25 mL	389538	02/25/22 07:59	KFS	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			389850	02/26/22 09:38	RSK	TAL PIT
Instrument ID: A										
Total/NA	Prep	7470A			25 mL	25 mL	389940	03/01/22 13:20	RJR	TAL PIT
Total/NA	Analysis	EPA 7470A		1			390002	03/01/22 19:50	RJR	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	389182	02/22/22 17:41	JCR	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM2320 B		1			389552	02/25/22 00:49	CMT	TAL PIT
Instrument ID: PCTITRATOR										
Total/NA	Analysis	Field Sampling		1			389904	02/16/22 12:56	FDS	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: GWC-13
Date Collected: 02/16/22 09:25
Date Received: 02/21/22 09:30

Lab Sample ID: 180-133984-3
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	EPA 300.0 R2.1		1			389765	03/01/22 00:05	JRB	TAL PIT
Instrument ID: INTEGRION										
Total Recoverable	Prep	3005A			25 mL	25 mL	389538	02/25/22 07:59	KFS	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			389850	02/26/22 09:42	RSK	TAL PIT
Instrument ID: A										
Total/NA	Prep	7470A			25 mL	25 mL	389940	03/01/22 13:20	RJR	TAL PIT
Total/NA	Analysis	EPA 7470A		1			390002	03/01/22 19:51	RJR	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	389182	02/22/22 17:41	JCR	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM2320 B		1			389552	02/25/22 02:36	CMT	TAL PIT
Instrument ID: PCTITRATOR										
Total/NA	Analysis	Field Sampling		1			389904	02/16/22 09:25	FDS	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: GWC-14
Date Collected: 02/16/22 11:19
Date Received: 02/21/22 09:30

Lab Sample ID: 180-133984-4
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	EPA 300.0 R2.1		1			389765	03/01/22 00:30	JRB	TAL PIT
Instrument ID: INTEGRION										
Total Recoverable	Prep	3005A			25 mL	25 mL	389538	02/25/22 07:59	KFS	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			389850	02/26/22 09:45	RSK	TAL PIT
Instrument ID: A										

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Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

Client Sample ID: GWC-14
Date Collected: 02/16/22 11:19
Date Received: 02/21/22 09:30

Lab Sample ID: 180-133984-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7470A			25 mL	25 mL	389940	03/01/22 13:20	RJR	TAL PIT
Total/NA	Analysis	EPA 7470A		1			390002	03/01/22 19:52	RJR	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	389182	02/22/22 17:41	JCR	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM2320 B		1			389552	02/24/22 19:54	CMT	TAL PIT
Instrument ID: PCTITRATOR										
Total/NA	Analysis	Field Sampling		1			389904	02/16/22 11:19	FDS	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: GWC-18
Date Collected: 02/16/22 11:35
Date Received: 02/21/22 09:30

Lab Sample ID: 180-133984-5
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	EPA 300.0 R2.1		1			389765	03/01/22 00:54	JRB	TAL PIT
Instrument ID: INTEGRION										
Total Recoverable	Prep	3005A			25 mL	25 mL	389538	02/25/22 07:59	KFS	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			389850	02/26/22 09:49	RSK	TAL PIT
Instrument ID: A										
Total/NA	Prep	7470A			25 mL	25 mL	389940	03/01/22 13:20	RJR	TAL PIT
Total/NA	Analysis	EPA 7470A		1			390002	03/01/22 19:53	RJR	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	389182	02/22/22 17:41	JCR	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM2320 B		1			389552	02/24/22 20:01	CMT	TAL PIT
Instrument ID: PCTITRATOR										
Total/NA	Analysis	Field Sampling		1			389904	02/16/22 11:35	FDS	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: GWC-19
Date Collected: 02/16/22 10:36
Date Received: 02/21/22 09:30

Lab Sample ID: 180-133984-6
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	EPA 300.0 R2.1		1			389765	03/01/22 03:24	JRB	TAL PIT
Instrument ID: INTEGRION										
Total Recoverable	Prep	3005A			25 mL	25 mL	389538	02/25/22 07:59	KFS	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			389850	02/26/22 09:53	RSK	TAL PIT
Instrument ID: A										
Total/NA	Prep	7470A			25 mL	25 mL	389940	03/01/22 13:20	RJR	TAL PIT
Total/NA	Analysis	EPA 7470A		1			390002	03/01/22 19:54	RJR	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	389182	02/22/22 17:41	JCR	TAL PIT
Instrument ID: NOEQUIP										

Eurofins Pittsburgh

Lab Chronicle

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

Client Sample ID: GWC-19
Date Collected: 02/16/22 10:36
Date Received: 02/21/22 09:30

Lab Sample ID: 180-133984-6
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	SM2320 B		1			389552	02/24/22 20:42	CMT	TAL PIT
Total/NA	Analysis	Field Sampling		1			389904	02/16/22 10:36	FDS	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: GWC-20
Date Collected: 02/16/22 09:48
Date Received: 02/21/22 09:30

Lab Sample ID: 180-133984-7
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	EPA 300.0 R2.1		1			389765	03/01/22 03:39	JRB	TAL PIT
Instrument ID: INTEGRION										
Total Recoverable	Prep	3005A			25 mL	25 mL	389538	02/25/22 07:59	KFS	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			389850	02/26/22 09:56	RSK	TAL PIT
Instrument ID: A										
Total/NA	Prep	7470A			25 mL	25 mL	389940	03/01/22 14:16	RJR	TAL PIT
Total/NA	Analysis	EPA 7470A		1			390002	03/01/22 19:55	RJR	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	389184	02/22/22 17:45	JCR	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM2320 B		1			389884	02/26/22 19:38	CMT	TAL PIT
Instrument ID: PCTITRATOR										
Total/NA	Analysis	Field Sampling		1			389904	02/16/22 09:48	FDS	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: DUP-7
Date Collected: 02/16/22 00:00
Date Received: 02/21/22 09:30

Lab Sample ID: 180-133984-8
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	EPA 300.0 R2.1		1			389765	03/01/22 03:53	JRB	TAL PIT
Instrument ID: INTEGRION										
Total Recoverable	Prep	3005A			25 mL	25 mL	389538	02/25/22 07:59	KFS	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			389850	02/26/22 10:07	RSK	TAL PIT
Instrument ID: A										
Total/NA	Prep	7470A			25 mL	25 mL	389940	03/01/22 14:16	RJR	TAL PIT
Total/NA	Analysis	EPA 7470A		1			390002	03/01/22 19:56	RJR	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	389184	02/22/22 17:45	JCR	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM2320 B		1			389884	02/26/22 19:45	CMT	TAL PIT
Instrument ID: PCTITRATOR										

Laboratory References:

TAL PIT = Eurofins Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

Lab Chronicle

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

Analyst References:

Lab: TAL PIT

Batch Type: Prep

KFS = Kelly Shannon

RJR = Ron Rosenbaum

Batch Type: Analysis

CMT = Cassandra Tlumac

FDS = Sampler Field

JCR = Jessica Rodgers

JRB = James Burzio

RJR = Ron Rosenbaum

RSK = Robert Kurtz



Client Sample Results

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

Client Sample ID: GWC-1

Lab Sample ID: 180-133869-1

Date Collected: 02/15/22 13:01

Matrix: Water

Date Received: 02/17/22 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4.0		1.0	0.71	mg/L			02/20/22 12:30	1
Fluoride	0.12		0.10	0.026	mg/L			02/20/22 12:30	1
Sulfate	1.5		1.0	0.76	mg/L			02/20/22 12:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		02/19/22 10:29	02/22/22 12:49	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		02/19/22 10:29	02/22/22 12:49	1
Barium	0.052		0.010	0.0031	mg/L		02/19/22 10:29	02/22/22 12:49	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		02/19/22 10:29	02/22/22 12:49	1
Boron	<0.060		0.080	0.060	mg/L		02/19/22 10:29	02/22/22 12:49	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		02/19/22 10:29	02/22/22 12:49	1
Calcium	16		0.50	0.13	mg/L		02/19/22 10:29	02/22/22 12:49	1
Chromium	0.011		0.0020	0.0015	mg/L		02/19/22 10:29	02/22/22 12:49	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		02/19/22 10:29	02/22/22 12:49	1
Copper	0.0013	J	0.0020	0.0011	mg/L		02/19/22 10:29	02/22/22 12:49	1
Lead	<0.00017		0.0010	0.00017	mg/L		02/19/22 10:29	02/22/22 12:49	1
Nickel	0.00052	J	0.0010	0.00052	mg/L		02/19/22 10:29	02/22/22 12:49	1
Selenium	<0.00074		0.0050	0.00074	mg/L		02/19/22 10:29	02/22/22 12:49	1
Silver	<0.00022		0.0010	0.00022	mg/L		02/19/22 10:29	02/22/22 12:49	1
Thallium	<0.00047		0.0010	0.00047	mg/L		02/19/22 10:29	02/22/22 12:49	1
Vanadium	0.018		0.0010	0.00078	mg/L		02/19/22 10:29	02/22/22 12:49	1
Zinc	<0.0029		0.0050	0.0029	mg/L		02/19/22 10:29	02/22/22 12:49	1
Sodium	12		0.50	0.18	mg/L		02/19/22 10:29	02/22/22 12:49	1
Potassium	0.95		0.50	0.16	mg/L		02/19/22 10:29	02/22/22 12:49	1
Magnesium	7.7		0.50	0.050	mg/L		02/19/22 10:29	02/22/22 12:49	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		02/28/22 11:33	03/01/22 19:08	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	120		10	10	mg/L			02/18/22 15:20	1
Total Alkalinity as CaCO3 to pH 4.5	98		5.0	5.0	mg/L			02/22/22 22:18	1
Bicarbonate Alkalinity as CaCO3	98		5.0	5.0	mg/L			02/22/22 22:18	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/22/22 22:18	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.83				SU			02/15/22 13:01	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

Client Sample ID: GWC-2

Lab Sample ID: 180-133869-2

Date Collected: 02/15/22 11:05

Matrix: Water

Date Received: 02/17/22 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2.2		1.0	0.71	mg/L			02/20/22 12:43	1
Fluoride	0.072	J	0.10	0.026	mg/L			02/20/22 12:43	1
Sulfate	0.79	J	1.0	0.76	mg/L			02/20/22 12:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		02/19/22 10:29	02/22/22 12:52	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		02/19/22 10:29	02/22/22 12:52	1
Barium	0.048		0.010	0.0031	mg/L		02/19/22 10:29	02/22/22 12:52	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		02/19/22 10:29	02/22/22 12:52	1
Boron	<0.060		0.080	0.060	mg/L		02/19/22 10:29	02/22/22 12:52	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		02/19/22 10:29	02/22/22 12:52	1
Calcium	16		0.50	0.13	mg/L		02/19/22 10:29	02/22/22 12:52	1
Chromium	0.011		0.0020	0.0015	mg/L		02/19/22 10:29	02/22/22 12:52	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		02/19/22 10:29	02/22/22 12:52	1
Copper	0.0013	J	0.0020	0.0011	mg/L		02/19/22 10:29	02/22/22 12:52	1
Lead	<0.00017		0.0010	0.00017	mg/L		02/19/22 10:29	02/22/22 12:52	1
Nickel	0.0018		0.0010	0.00052	mg/L		02/19/22 10:29	02/22/22 12:52	1
Selenium	<0.00074		0.0050	0.00074	mg/L		02/19/22 10:29	02/22/22 12:52	1
Silver	<0.00022		0.0010	0.00022	mg/L		02/19/22 10:29	02/22/22 12:52	1
Thallium	<0.00047		0.0010	0.00047	mg/L		02/19/22 10:29	02/22/22 12:52	1
Vanadium	0.016		0.0010	0.00078	mg/L		02/19/22 10:29	02/22/22 12:52	1
Zinc	<0.0029		0.0050	0.0029	mg/L		02/19/22 10:29	02/22/22 12:52	1
Sodium	8.4		0.50	0.18	mg/L		02/19/22 10:29	02/22/22 12:52	1
Potassium	1.2		0.50	0.16	mg/L		02/19/22 10:29	02/22/22 12:52	1
Magnesium	7.3		0.50	0.050	mg/L		02/19/22 10:29	02/22/22 12:52	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		02/28/22 11:33	03/01/22 19:11	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	120		10	10	mg/L			02/18/22 15:20	1
Total Alkalinity as CaCO3 to pH 4.5	93		5.0	5.0	mg/L			02/22/22 22:26	1
Bicarbonate Alkalinity as CaCO3	93		5.0	5.0	mg/L			02/22/22 22:26	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/22/22 22:26	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.61				SU			02/15/22 11:05	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

Client Sample ID: GWC-3

Lab Sample ID: 180-133869-3

Date Collected: 02/15/22 15:55

Matrix: Water

Date Received: 02/17/22 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2.7		1.0	0.71	mg/L			02/20/22 12:57	1
Fluoride	0.092	J	0.10	0.026	mg/L			02/20/22 12:57	1
Sulfate	0.91	J	1.0	0.76	mg/L			02/20/22 12:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		02/19/22 10:29	02/22/22 12:54	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		02/19/22 10:29	02/22/22 12:54	1
Barium	0.013		0.010	0.0031	mg/L		02/19/22 10:29	02/22/22 12:54	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		02/19/22 10:29	02/22/22 12:54	1
Boron	<0.060		0.080	0.060	mg/L		02/19/22 10:29	02/22/22 12:54	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		02/19/22 10:29	02/22/22 12:54	1
Calcium	6.0		0.50	0.13	mg/L		02/19/22 10:29	02/22/22 12:54	1
Chromium	0.0076		0.0020	0.0015	mg/L		02/19/22 10:29	02/22/22 12:54	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		02/19/22 10:29	02/22/22 12:54	1
Copper	0.0013	J	0.0020	0.0011	mg/L		02/19/22 10:29	02/22/22 12:54	1
Lead	<0.00017		0.0010	0.00017	mg/L		02/19/22 10:29	02/22/22 12:54	1
Nickel	0.0013		0.0010	0.00052	mg/L		02/19/22 10:29	02/22/22 12:54	1
Selenium	<0.00074		0.0050	0.00074	mg/L		02/19/22 10:29	02/22/22 12:54	1
Silver	<0.00022		0.0010	0.00022	mg/L		02/19/22 10:29	02/22/22 12:54	1
Thallium	<0.00047		0.0010	0.00047	mg/L		02/19/22 10:29	02/22/22 12:54	1
Vanadium	0.0064		0.0010	0.00078	mg/L		02/19/22 10:29	02/22/22 12:54	1
Zinc	<0.0029		0.0050	0.0029	mg/L		02/19/22 10:29	02/22/22 12:54	1
Sodium	5.0		0.50	0.18	mg/L		02/19/22 10:29	02/22/22 12:54	1
Potassium	0.73		0.50	0.16	mg/L		02/19/22 10:29	02/22/22 12:54	1
Magnesium	3.3		0.50	0.050	mg/L		02/19/22 10:29	02/22/22 12:54	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		02/28/22 11:33	03/01/22 19:12	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	53		10	10	mg/L			02/18/22 18:15	1
Total Alkalinity as CaCO3 to pH 4.5	38		5.0	5.0	mg/L			02/22/22 22:47	1
Bicarbonate Alkalinity as CaCO3	38		5.0	5.0	mg/L			02/22/22 22:47	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/22/22 22:47	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	5.87				SU			02/15/22 15:55	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

Client Sample ID: GWC-4

Lab Sample ID: 180-133869-4

Date Collected: 02/15/22 10:10

Matrix: Water

Date Received: 02/17/22 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11		1.0	0.71	mg/L			02/20/22 13:11	1
Fluoride	0.13		0.10	0.026	mg/L			02/20/22 13:11	1
Sulfate	20		1.0	0.76	mg/L			02/20/22 13:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		02/19/22 10:29	02/22/22 12:57	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		02/19/22 10:29	02/22/22 12:57	1
Barium	0.055		0.010	0.0031	mg/L		02/19/22 10:29	02/22/22 12:57	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		02/19/22 10:29	02/22/22 12:57	1
Boron	<0.060		0.080	0.060	mg/L		02/19/22 10:29	02/22/22 12:57	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		02/19/22 10:29	02/22/22 12:57	1
Calcium	15		0.50	0.13	mg/L		02/19/22 10:29	02/22/22 12:57	1
Chromium	0.0041		0.0020	0.0015	mg/L		02/19/22 10:29	02/22/22 12:57	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		02/19/22 10:29	02/22/22 12:57	1
Copper	0.0011	J	0.0020	0.0011	mg/L		02/19/22 10:29	02/22/22 12:57	1
Lead	<0.00017		0.0010	0.00017	mg/L		02/19/22 10:29	02/22/22 12:57	1
Nickel	0.00076	J	0.0010	0.00052	mg/L		02/19/22 10:29	02/22/22 12:57	1
Selenium	0.0013	J	0.0050	0.00074	mg/L		02/19/22 10:29	02/22/22 12:57	1
Silver	<0.00022		0.0010	0.00022	mg/L		02/19/22 10:29	02/22/22 12:57	1
Thallium	<0.00047		0.0010	0.00047	mg/L		02/19/22 10:29	02/22/22 12:57	1
Vanadium	0.0059		0.0010	0.00078	mg/L		02/19/22 10:29	02/22/22 12:57	1
Zinc	<0.0029		0.0050	0.0029	mg/L		02/19/22 10:29	02/22/22 12:57	1
Sodium	11		0.50	0.18	mg/L		02/19/22 10:29	02/22/22 12:57	1
Potassium	1.4		0.50	0.16	mg/L		02/19/22 10:29	02/22/22 12:57	1
Magnesium	8.9		0.50	0.050	mg/L		02/19/22 10:29	02/22/22 12:57	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		02/28/22 11:33	03/01/22 19:13	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	140		10	10	mg/L			02/18/22 18:15	1
Total Alkalinity as CaCO3 to pH 4.5	70		5.0	5.0	mg/L			02/22/22 23:01	1
Bicarbonate Alkalinity as CaCO3	70		5.0	5.0	mg/L			02/22/22 23:01	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/22/22 23:01	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.37				SU			02/15/22 10:10	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

Client Sample ID: GWC-5

Lab Sample ID: 180-133869-5

Date Collected: 02/15/22 14:05

Matrix: Water

Date Received: 02/17/22 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	16		1.0	0.71	mg/L			02/20/22 13:24	1
Fluoride	0.16		0.10	0.026	mg/L			02/20/22 13:24	1
Sulfate	100	F1	1.0	0.76	mg/L			02/20/22 13:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		02/19/22 10:32	02/22/22 14:50	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		02/19/22 10:32	02/22/22 14:50	1
Barium	0.038		0.010	0.0031	mg/L		02/19/22 10:32	02/22/22 14:50	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		02/19/22 10:32	02/22/22 14:50	1
Boron	0.19		0.080	0.060	mg/L		02/19/22 10:32	02/22/22 14:50	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		02/19/22 10:32	02/22/22 14:50	1
Calcium	36		0.50	0.13	mg/L		02/19/22 10:32	02/22/22 14:50	1
Chromium	0.0061		0.0020	0.0015	mg/L		02/19/22 10:32	02/22/22 14:50	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		02/19/22 10:32	02/22/22 14:50	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/19/22 10:32	02/22/22 14:50	1
Lead	<0.00017		0.0010	0.00017	mg/L		02/19/22 10:32	02/22/22 14:50	1
Nickel	0.0010		0.0010	0.00052	mg/L		02/19/22 10:32	02/22/22 14:50	1
Selenium	0.0058		0.0050	0.00074	mg/L		02/19/22 10:32	02/22/22 14:50	1
Silver	<0.00022		0.0010	0.00022	mg/L		02/19/22 10:32	02/22/22 14:50	1
Thallium	<0.00047		0.0010	0.00047	mg/L		02/19/22 10:32	02/22/22 14:50	1
Vanadium	0.0026		0.0010	0.00078	mg/L		02/19/22 10:32	02/22/22 14:50	1
Zinc	0.0034	J	0.0050	0.0029	mg/L		02/19/22 10:32	02/22/22 14:50	1
Sodium	13		0.50	0.18	mg/L		02/19/22 10:32	02/22/22 14:50	1
Potassium	1.2		0.50	0.16	mg/L		02/19/22 10:32	02/22/22 14:50	1
Magnesium	20		0.50	0.050	mg/L		02/19/22 10:32	02/22/22 14:50	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		02/28/22 11:33	03/01/22 19:14	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	290		10	10	mg/L			02/18/22 18:15	1
Total Alkalinity as CaCO3 to pH 4.5	72		5.0	5.0	mg/L			02/22/22 23:08	1
Bicarbonate Alkalinity as CaCO3	72		5.0	5.0	mg/L			02/22/22 23:08	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/22/22 23:08	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.16				SU			02/15/22 14:05	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

Client Sample ID: GWC-6

Lab Sample ID: 180-133869-6

Date Collected: 02/15/22 13:25

Matrix: Water

Date Received: 02/17/22 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6.1		1.0	0.71	mg/L			02/20/22 14:05	1
Fluoride	0.095	J	0.10	0.026	mg/L			02/20/22 14:05	1
Sulfate	13		1.0	0.76	mg/L			02/20/22 14:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		02/19/22 10:32	02/22/22 15:02	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		02/19/22 10:32	02/22/22 15:02	1
Barium	0.057		0.010	0.0031	mg/L		02/19/22 10:32	02/22/22 15:02	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		02/19/22 10:32	02/22/22 15:02	1
Boron	<0.060		0.080	0.060	mg/L		02/19/22 10:32	02/22/22 15:02	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		02/19/22 10:32	02/22/22 15:02	1
Calcium	15		0.50	0.13	mg/L		02/19/22 10:32	02/22/22 15:02	1
Chromium	0.0046		0.0020	0.0015	mg/L		02/19/22 10:32	02/22/22 15:02	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		02/19/22 10:32	02/22/22 15:02	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/19/22 10:32	02/22/22 15:02	1
Lead	<0.00017		0.0010	0.00017	mg/L		02/19/22 10:32	02/22/22 15:02	1
Nickel	0.00089	J	0.0010	0.00052	mg/L		02/19/22 10:32	02/22/22 15:02	1
Selenium	<0.00074		0.0050	0.00074	mg/L		02/19/22 10:32	02/22/22 15:02	1
Silver	<0.00022		0.0010	0.00022	mg/L		02/19/22 10:32	02/22/22 15:02	1
Thallium	<0.00047		0.0010	0.00047	mg/L		02/19/22 10:32	02/22/22 15:02	1
Vanadium	0.0094		0.0010	0.00078	mg/L		02/19/22 10:32	02/22/22 15:02	1
Zinc	<0.0029		0.0050	0.0029	mg/L		02/19/22 10:32	02/22/22 15:02	1
Sodium	9.0		0.50	0.18	mg/L		02/19/22 10:32	02/22/22 15:02	1
Potassium	1.7		0.50	0.16	mg/L		02/19/22 10:32	02/22/22 15:02	1
Magnesium	7.5		0.50	0.050	mg/L		02/19/22 10:32	02/22/22 15:02	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		02/28/22 11:33	03/01/22 19:15	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	140		10	10	mg/L			02/18/22 18:15	1
Total Alkalinity as CaCO3 to pH 4.5	77		5.0	5.0	mg/L			02/22/22 23:22	1
Bicarbonate Alkalinity as CaCO3	77		5.0	5.0	mg/L			02/22/22 23:22	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/22/22 23:22	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.10				SU			02/15/22 13:25	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

Client Sample ID: GWC-7

Lab Sample ID: 180-133869-7

Date Collected: 02/15/22 12:30

Matrix: Water

Date Received: 02/17/22 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2.7		1.0	0.71	mg/L			02/20/22 14:46	1
Fluoride	0.083	J	0.10	0.026	mg/L			02/20/22 14:46	1
Sulfate	<0.76		1.0	0.76	mg/L			02/20/22 14:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		02/19/22 10:32	02/22/22 15:04	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		02/19/22 10:32	02/22/22 15:04	1
Barium	0.035		0.010	0.0031	mg/L		02/19/22 10:32	02/22/22 15:04	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		02/19/22 10:32	02/22/22 15:04	1
Boron	<0.060		0.080	0.060	mg/L		02/19/22 10:32	02/22/22 15:04	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		02/19/22 10:32	02/22/22 15:04	1
Calcium	13		0.50	0.13	mg/L		02/19/22 10:32	02/22/22 15:04	1
Chromium	0.0088		0.0020	0.0015	mg/L		02/19/22 10:32	02/22/22 15:04	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		02/19/22 10:32	02/22/22 15:04	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/19/22 10:32	02/22/22 15:04	1
Lead	<0.00017		0.0010	0.00017	mg/L		02/19/22 10:32	02/22/22 15:04	1
Nickel	<0.00052		0.0010	0.00052	mg/L		02/19/22 10:32	02/22/22 15:04	1
Selenium	<0.00074		0.0050	0.00074	mg/L		02/19/22 10:32	02/22/22 15:04	1
Silver	<0.00022		0.0010	0.00022	mg/L		02/19/22 10:32	02/22/22 15:04	1
Thallium	<0.00047		0.0010	0.00047	mg/L		02/19/22 10:32	02/22/22 15:04	1
Vanadium	0.013		0.0010	0.00078	mg/L		02/19/22 10:32	02/22/22 15:04	1
Zinc	0.0037	J	0.0050	0.0029	mg/L		02/19/22 10:32	02/22/22 15:04	1
Sodium	7.6		0.50	0.18	mg/L		02/19/22 10:32	02/22/22 15:04	1
Potassium	1.0		0.50	0.16	mg/L		02/19/22 10:32	02/22/22 15:04	1
Magnesium	6.1		0.50	0.050	mg/L		02/19/22 10:32	02/22/22 15:04	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		02/28/22 11:33	03/01/22 19:20	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	140		10	10	mg/L			02/18/22 18:15	1
Total Alkalinity as CaCO3 to pH 4.5	80		5.0	5.0	mg/L			02/22/22 23:29	1
Bicarbonate Alkalinity as CaCO3	80		5.0	5.0	mg/L			02/22/22 23:29	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/22/22 23:29	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.22				SU			02/15/22 12:30	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

Client Sample ID: GWC-8A

Lab Sample ID: 180-133869-8

Date Collected: 02/15/22 09:30

Matrix: Water

Date Received: 02/17/22 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9.1		1.0	0.71	mg/L			02/20/22 15:00	1
Fluoride	0.096	J	0.10	0.026	mg/L			02/20/22 15:00	1
Sulfate	11		1.0	0.76	mg/L			02/20/22 15:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		02/19/22 10:32	02/22/22 15:07	1
Arsenic	0.00047	J	0.0010	0.00028	mg/L		02/19/22 10:32	02/22/22 15:07	1
Barium	0.048		0.010	0.0031	mg/L		02/19/22 10:32	02/22/22 15:07	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		02/19/22 10:32	02/22/22 15:07	1
Boron	0.13		0.080	0.060	mg/L		02/19/22 10:32	02/22/22 15:07	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		02/19/22 10:32	02/22/22 15:07	1
Calcium	49		0.50	0.13	mg/L		02/19/22 10:32	02/22/22 15:07	1
Chromium	<0.0015		0.0020	0.0015	mg/L		02/19/22 10:32	02/22/22 15:07	1
Cobalt	0.0037		0.0025	0.00026	mg/L		02/19/22 10:32	02/22/22 15:07	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/19/22 10:32	02/22/22 15:07	1
Lead	<0.00017		0.0010	0.00017	mg/L		02/19/22 10:32	02/22/22 15:07	1
Nickel	0.0055		0.0010	0.00052	mg/L		02/19/22 10:32	02/22/22 15:07	1
Selenium	<0.00074		0.0050	0.00074	mg/L		02/19/22 10:32	02/22/22 15:07	1
Silver	<0.00022		0.0010	0.00022	mg/L		02/19/22 10:32	02/22/22 15:07	1
Thallium	<0.00047		0.0010	0.00047	mg/L		02/19/22 10:32	02/22/22 15:07	1
Vanadium	0.00079	J	0.0010	0.00078	mg/L		02/19/22 10:32	02/22/22 15:07	1
Zinc	<0.0029		0.0050	0.0029	mg/L		02/19/22 10:32	02/22/22 15:07	1
Sodium	14		0.50	0.18	mg/L		02/19/22 10:32	02/22/22 15:07	1
Potassium	2.3		0.50	0.16	mg/L		02/19/22 10:32	02/22/22 15:07	1
Magnesium	24		0.50	0.050	mg/L		02/19/22 10:32	02/22/22 15:07	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		02/28/22 11:33	03/01/22 19:21	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	330		10	10	mg/L			02/18/22 18:15	1
Total Alkalinity as CaCO3 to pH 4.5	260		5.0	5.0	mg/L			02/22/22 23:36	1
Bicarbonate Alkalinity as CaCO3	260		5.0	5.0	mg/L			02/22/22 23:36	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/22/22 23:36	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.34				SU			02/15/22 09:30	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

Client Sample ID: GWC-9

Lab Sample ID: 180-133869-9

Date Collected: 02/15/22 10:50

Matrix: Water

Date Received: 02/17/22 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3.7		1.0	0.71	mg/L			02/20/22 15:13	1
Fluoride	0.096	J	0.10	0.026	mg/L			02/20/22 15:13	1
Sulfate	7.2		1.0	0.76	mg/L			02/20/22 15:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		02/19/22 10:32	02/22/22 15:14	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		02/19/22 10:32	02/22/22 15:14	1
Barium	0.023		0.010	0.0031	mg/L		02/19/22 10:32	02/22/22 15:14	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		02/19/22 10:32	02/22/22 15:14	1
Boron	0.070	J	0.080	0.060	mg/L		02/19/22 10:32	02/22/22 15:14	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		02/19/22 10:32	02/22/22 15:14	1
Calcium	16		0.50	0.13	mg/L		02/19/22 10:32	02/22/22 15:14	1
Chromium	0.0079		0.0020	0.0015	mg/L		02/19/22 10:32	02/22/22 15:14	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		02/19/22 10:32	02/22/22 15:14	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/19/22 10:32	02/22/22 15:14	1
Lead	<0.00017		0.0010	0.00017	mg/L		02/19/22 10:32	02/22/22 15:14	1
Nickel	<0.00052		0.0010	0.00052	mg/L		02/19/22 10:32	02/22/22 15:14	1
Selenium	<0.00074		0.0050	0.00074	mg/L		02/19/22 10:32	02/22/22 15:14	1
Silver	<0.00022		0.0010	0.00022	mg/L		02/19/22 10:32	02/22/22 15:14	1
Thallium	<0.00047		0.0010	0.00047	mg/L		02/19/22 10:32	02/22/22 15:14	1
Vanadium	0.017		0.0010	0.00078	mg/L		02/19/22 10:32	02/22/22 15:14	1
Zinc	<0.0029		0.0050	0.0029	mg/L		02/19/22 10:32	02/22/22 15:14	1
Sodium	7.9		0.50	0.18	mg/L		02/19/22 10:32	02/22/22 15:14	1
Potassium	1.1		0.50	0.16	mg/L		02/19/22 10:32	02/22/22 15:14	1
Magnesium	8.0		0.50	0.050	mg/L		02/19/22 10:32	02/22/22 15:14	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		02/28/22 11:33	03/01/22 19:22	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	140		10	10	mg/L			02/18/22 18:15	1
Total Alkalinity as CaCO3 to pH 4.5	88		5.0	5.0	mg/L			02/22/22 23:44	1
Bicarbonate Alkalinity as CaCO3	88		5.0	5.0	mg/L			02/22/22 23:44	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/22/22 23:44	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.61				SU			02/15/22 10:50	1

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Client Sample Results

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

Client Sample ID: GWC-10

Lab Sample ID: 180-133869-10

Date Collected: 02/15/22 15:05

Matrix: Water

Date Received: 02/17/22 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4.6		1.0	0.71	mg/L			02/20/22 15:27	1
Fluoride	0.099	J	0.10	0.026	mg/L			02/20/22 15:27	1
Sulfate	3.5		1.0	0.76	mg/L			02/20/22 15:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		02/19/22 10:32	02/22/22 15:17	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		02/19/22 10:32	02/22/22 15:17	1
Barium	0.036		0.010	0.0031	mg/L		02/19/22 10:32	02/22/22 15:17	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		02/19/22 10:32	02/22/22 15:17	1
Boron	<0.060		0.080	0.060	mg/L		02/19/22 10:32	02/22/22 15:17	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		02/19/22 10:32	02/22/22 15:17	1
Calcium	17		0.50	0.13	mg/L		02/19/22 10:32	02/22/22 15:17	1
Chromium	0.021		0.0020	0.0015	mg/L		02/19/22 10:32	02/22/22 15:17	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		02/19/22 10:32	02/22/22 15:17	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/19/22 10:32	02/22/22 15:17	1
Lead	<0.00017		0.0010	0.00017	mg/L		02/19/22 10:32	02/22/22 15:17	1
Nickel	0.0022		0.0010	0.00052	mg/L		02/19/22 10:32	02/22/22 15:17	1
Selenium	<0.00074		0.0050	0.00074	mg/L		02/19/22 10:32	02/22/22 15:17	1
Silver	<0.00022		0.0010	0.00022	mg/L		02/19/22 10:32	02/22/22 15:17	1
Thallium	<0.00047		0.0010	0.00047	mg/L		02/19/22 10:32	02/22/22 15:17	1
Vanadium	0.012		0.0010	0.00078	mg/L		02/19/22 10:32	02/22/22 15:17	1
Zinc	<0.0029		0.0050	0.0029	mg/L		02/19/22 10:32	02/22/22 15:17	1
Sodium	7.9		0.50	0.18	mg/L		02/19/22 10:32	02/22/22 15:17	1
Potassium	0.96		0.50	0.16	mg/L		02/19/22 10:32	02/22/22 15:17	1
Magnesium	8.9		0.50	0.050	mg/L		02/19/22 10:32	02/22/22 15:17	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		02/28/22 11:33	03/01/22 19:23	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	150		10	10	mg/L			02/18/22 18:15	1
Total Alkalinity as CaCO3 to pH 4.5	98		5.0	5.0	mg/L			02/22/22 23:51	1
Bicarbonate Alkalinity as CaCO3	98		5.0	5.0	mg/L			02/22/22 23:51	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/22/22 23:51	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.48				SU			02/15/22 15:05	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

Client Sample ID: GWA-15

Lab Sample ID: 180-133869-11

Date Collected: 02/15/22 12:35

Matrix: Water

Date Received: 02/17/22 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6.5		1.0	0.71	mg/L			02/20/22 15:41	1
Fluoride	0.054	J	0.10	0.026	mg/L			02/20/22 15:41	1
Sulfate	2.6		1.0	0.76	mg/L			02/20/22 15:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		02/19/22 10:32	02/22/22 15:20	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		02/19/22 10:32	02/22/22 15:20	1
Barium	0.012		0.010	0.0031	mg/L		02/19/22 10:32	02/22/22 15:20	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		02/19/22 10:32	02/22/22 15:20	1
Boron	<0.060		0.080	0.060	mg/L		02/19/22 10:32	02/22/22 15:20	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		02/19/22 10:32	02/22/22 15:20	1
Calcium	3.6		0.50	0.13	mg/L		02/19/22 10:32	02/22/22 15:20	1
Chromium	<0.0015		0.0020	0.0015	mg/L		02/19/22 10:32	02/22/22 15:20	1
Cobalt	0.0029		0.0025	0.00026	mg/L		02/19/22 10:32	02/22/22 15:20	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/19/22 10:32	02/22/22 15:20	1
Lead	<0.00017		0.0010	0.00017	mg/L		02/19/22 10:32	02/22/22 15:20	1
Nickel	0.00065	J	0.0010	0.00052	mg/L		02/19/22 10:32	02/22/22 15:20	1
Selenium	<0.00074		0.0050	0.00074	mg/L		02/19/22 10:32	02/22/22 15:20	1
Silver	<0.00022		0.0010	0.00022	mg/L		02/19/22 10:32	02/22/22 15:20	1
Thallium	<0.00047		0.0010	0.00047	mg/L		02/19/22 10:32	02/22/22 15:20	1
Vanadium	<0.00078		0.0010	0.00078	mg/L		02/19/22 10:32	02/22/22 15:20	1
Zinc	<0.0029		0.0050	0.0029	mg/L		02/19/22 10:32	02/22/22 15:20	1
Sodium	5.0		0.50	0.18	mg/L		02/19/22 10:32	02/22/22 15:20	1
Potassium	0.24	J	0.50	0.16	mg/L		02/19/22 10:32	02/22/22 15:20	1
Magnesium	2.0		0.50	0.050	mg/L		02/19/22 10:32	02/22/22 15:20	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		02/28/22 11:33	03/01/22 19:24	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	42		10	10	mg/L			02/18/22 18:15	1
Total Alkalinity as CaCO3 to pH 4.5	21		5.0	5.0	mg/L			02/23/22 00:29	1
Bicarbonate Alkalinity as CaCO3	21		5.0	5.0	mg/L			02/23/22 00:29	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/23/22 00:29	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	5.40				SU			02/15/22 12:35	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

Client Sample ID: GWA-16

Lab Sample ID: 180-133869-12

Date Collected: 02/15/22 13:38

Matrix: Water

Date Received: 02/17/22 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.6		1.0	0.71	mg/L			02/20/22 15:54	1
Fluoride	0.079	J	0.10	0.026	mg/L			02/20/22 15:54	1
Sulfate	<0.76		1.0	0.76	mg/L			02/20/22 15:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		02/19/22 10:32	02/22/22 15:22	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		02/19/22 10:32	02/22/22 15:22	1
Barium	0.024		0.010	0.0031	mg/L		02/19/22 10:32	02/22/22 15:22	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		02/19/22 10:32	02/22/22 15:22	1
Boron	<0.060		0.080	0.060	mg/L		02/19/22 10:32	02/22/22 15:22	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		02/19/22 10:32	02/22/22 15:22	1
Calcium	10		0.50	0.13	mg/L		02/19/22 10:32	02/22/22 15:22	1
Chromium	0.0056		0.0020	0.0015	mg/L		02/19/22 10:32	02/22/22 15:22	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		02/19/22 10:32	02/22/22 15:22	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/19/22 10:32	02/22/22 15:22	1
Lead	<0.00017		0.0010	0.00017	mg/L		02/19/22 10:32	02/22/22 15:22	1
Nickel	<0.00052		0.0010	0.00052	mg/L		02/19/22 10:32	02/22/22 15:22	1
Selenium	<0.00074		0.0050	0.00074	mg/L		02/19/22 10:32	02/22/22 15:22	1
Silver	<0.00022		0.0010	0.00022	mg/L		02/19/22 10:32	02/22/22 15:22	1
Thallium	<0.00047		0.0010	0.00047	mg/L		02/19/22 10:32	02/22/22 15:22	1
Vanadium	0.0077		0.0010	0.00078	mg/L		02/19/22 10:32	02/22/22 15:22	1
Zinc	<0.0029		0.0050	0.0029	mg/L		02/19/22 10:32	02/22/22 15:22	1
Sodium	7.5		0.50	0.18	mg/L		02/19/22 10:32	02/22/22 15:22	1
Potassium	0.87		0.50	0.16	mg/L		02/19/22 10:32	02/22/22 15:22	1
Magnesium	3.3		0.50	0.050	mg/L		02/19/22 10:32	02/22/22 15:22	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		02/28/22 11:33	03/01/22 19:25	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	99		10	10	mg/L			02/18/22 18:15	1
Total Alkalinity as CaCO3 to pH 4.5	61		5.0	5.0	mg/L			02/23/22 00:44	1
Bicarbonate Alkalinity as CaCO3	61		5.0	5.0	mg/L			02/23/22 00:44	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/23/22 00:44	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.46				SU			02/15/22 13:38	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

Client Sample ID: GWA-17

Lab Sample ID: 180-133869-13

Date Collected: 02/15/22 14:35

Matrix: Water

Date Received: 02/17/22 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.4		1.0	0.71	mg/L			02/20/22 16:08	1
Fluoride	0.083	J	0.10	0.026	mg/L			02/20/22 16:08	1
Sulfate	<0.76		1.0	0.76	mg/L			02/20/22 16:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		02/19/22 10:32	02/22/22 15:25	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		02/19/22 10:32	02/22/22 15:25	1
Barium	0.031		0.010	0.0031	mg/L		02/19/22 10:32	02/22/22 15:25	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		02/19/22 10:32	02/22/22 15:25	1
Boron	<0.060		0.080	0.060	mg/L		02/19/22 10:32	02/22/22 15:25	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		02/19/22 10:32	02/22/22 15:25	1
Calcium	7.1		0.50	0.13	mg/L		02/19/22 10:32	02/22/22 15:25	1
Chromium	0.0084		0.0020	0.0015	mg/L		02/19/22 10:32	02/22/22 15:25	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		02/19/22 10:32	02/22/22 15:25	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/19/22 10:32	02/22/22 15:25	1
Lead	<0.00017		0.0010	0.00017	mg/L		02/19/22 10:32	02/22/22 15:25	1
Nickel	<0.00052		0.0010	0.00052	mg/L		02/19/22 10:32	02/22/22 15:25	1
Selenium	<0.00074		0.0050	0.00074	mg/L		02/19/22 10:32	02/22/22 15:25	1
Silver	<0.00022		0.0010	0.00022	mg/L		02/19/22 10:32	02/22/22 15:25	1
Thallium	<0.00047		0.0010	0.00047	mg/L		02/19/22 10:32	02/22/22 15:25	1
Vanadium	0.0052		0.0010	0.00078	mg/L		02/19/22 10:32	02/22/22 15:25	1
Zinc	<0.0029		0.0050	0.0029	mg/L		02/19/22 10:32	02/22/22 15:25	1
Sodium	8.5		0.50	0.18	mg/L		02/19/22 10:32	02/22/22 15:25	1
Potassium	1.0		0.50	0.16	mg/L		02/19/22 10:32	02/22/22 15:25	1
Magnesium	2.8		0.50	0.050	mg/L		02/19/22 10:32	02/22/22 15:25	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		02/28/22 11:33	03/01/22 19:26	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	79		10	10	mg/L			02/18/22 18:15	1
Total Alkalinity as CaCO3 to pH 4.5	51		5.0	5.0	mg/L			02/23/22 00:51	1
Bicarbonate Alkalinity as CaCO3	51		5.0	5.0	mg/L			02/23/22 00:51	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/23/22 00:51	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.20				SU			02/15/22 14:35	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

Client Sample ID: FB-6

Lab Sample ID: 180-133869-14

Date Collected: 02/15/22 12:45

Matrix: Water

Date Received: 02/17/22 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.71		1.0	0.71	mg/L			02/20/22 16:22	1
Fluoride	0.043	J	0.10	0.026	mg/L			02/20/22 16:22	1
Sulfate	<0.76		1.0	0.76	mg/L			02/20/22 16:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		02/19/22 10:32	02/22/22 15:28	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		02/19/22 10:32	02/22/22 15:28	1
Barium	<0.0031		0.010	0.0031	mg/L		02/19/22 10:32	02/22/22 15:28	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		02/19/22 10:32	02/22/22 15:28	1
Boron	<0.060		0.080	0.060	mg/L		02/19/22 10:32	02/22/22 15:28	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		02/19/22 10:32	02/22/22 15:28	1
Calcium	<0.13		0.50	0.13	mg/L		02/19/22 10:32	02/22/22 15:28	1
Chromium	<0.0015		0.0020	0.0015	mg/L		02/19/22 10:32	02/22/22 15:28	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		02/19/22 10:32	02/22/22 15:28	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/19/22 10:32	02/22/22 15:28	1
Lead	<0.00017		0.0010	0.00017	mg/L		02/19/22 10:32	02/22/22 15:28	1
Nickel	<0.00052		0.0010	0.00052	mg/L		02/19/22 10:32	02/22/22 15:28	1
Selenium	<0.00074		0.0050	0.00074	mg/L		02/19/22 10:32	02/22/22 15:28	1
Silver	<0.00022		0.0010	0.00022	mg/L		02/19/22 10:32	02/22/22 15:28	1
Thallium	<0.00047		0.0010	0.00047	mg/L		02/19/22 10:32	02/22/22 15:28	1
Vanadium	<0.00078		0.0010	0.00078	mg/L		02/19/22 10:32	02/22/22 15:28	1
Zinc	<0.0029		0.0050	0.0029	mg/L		02/19/22 10:32	02/22/22 15:28	1
Sodium	<0.18		0.50	0.18	mg/L		02/19/22 10:32	02/22/22 15:28	1
Potassium	<0.16		0.50	0.16	mg/L		02/19/22 10:32	02/22/22 15:28	1
Magnesium	<0.050		0.50	0.050	mg/L		02/19/22 10:32	02/22/22 15:28	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		02/28/22 11:33	03/01/22 19:27	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			02/18/22 18:15	1
Total Alkalinity as CaCO3 to pH 4.5	<5.0		5.0	5.0	mg/L			02/23/22 00:57	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/23/22 00:57	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/23/22 00:57	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

Client Sample ID: FB-7

Lab Sample ID: 180-133869-15

Date Collected: 02/15/22 14:55

Matrix: Water

Date Received: 02/17/22 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.71		1.0	0.71	mg/L			02/20/22 17:30	1
Fluoride	<0.026		0.10	0.026	mg/L			02/20/22 17:30	1
Sulfate	<0.76		1.0	0.76	mg/L			02/20/22 17:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		02/19/22 10:32	02/22/22 15:30	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		02/19/22 10:32	02/22/22 15:30	1
Barium	<0.0031		0.010	0.0031	mg/L		02/19/22 10:32	02/22/22 15:30	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		02/19/22 10:32	02/22/22 15:30	1
Boron	<0.060		0.080	0.060	mg/L		02/19/22 10:32	02/22/22 15:30	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		02/19/22 10:32	02/22/22 15:30	1
Calcium	<0.13		0.50	0.13	mg/L		02/19/22 10:32	02/22/22 15:30	1
Chromium	<0.0015		0.0020	0.0015	mg/L		02/19/22 10:32	02/22/22 15:30	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		02/19/22 10:32	02/22/22 15:30	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/19/22 10:32	02/22/22 15:30	1
Lead	<0.00017		0.0010	0.00017	mg/L		02/19/22 10:32	02/22/22 15:30	1
Nickel	<0.00052		0.0010	0.00052	mg/L		02/19/22 10:32	02/22/22 15:30	1
Selenium	<0.00074		0.0050	0.00074	mg/L		02/19/22 10:32	02/22/22 15:30	1
Silver	<0.00022		0.0010	0.00022	mg/L		02/19/22 10:32	02/22/22 15:30	1
Thallium	<0.00047		0.0010	0.00047	mg/L		02/19/22 10:32	02/22/22 15:30	1
Vanadium	<0.00078		0.0010	0.00078	mg/L		02/19/22 10:32	02/22/22 15:30	1
Zinc	<0.0029		0.0050	0.0029	mg/L		02/19/22 10:32	02/22/22 15:30	1
Sodium	<0.18		0.50	0.18	mg/L		02/19/22 10:32	02/22/22 15:30	1
Potassium	<0.16		0.50	0.16	mg/L		02/19/22 10:32	02/22/22 15:30	1
Magnesium	<0.050		0.50	0.050	mg/L		02/19/22 10:32	02/22/22 15:30	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		02/28/22 11:33	03/01/22 19:28	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			02/18/22 18:15	1
Total Alkalinity as CaCO3 to pH 4.5	<5.0		5.0	5.0	mg/L			02/23/22 01:01	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/23/22 01:01	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/23/22 01:01	1

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Client Sample Results

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

Client Sample ID: EB-6

Lab Sample ID: 180-133869-16

Date Collected: 02/15/22 10:00

Matrix: Water

Date Received: 02/17/22 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.71		1.0	0.71	mg/L			02/20/22 18:11	1
Fluoride	<0.026		0.10	0.026	mg/L			02/20/22 18:11	1
Sulfate	<0.76		1.0	0.76	mg/L			02/20/22 18:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		02/19/22 10:32	02/22/22 15:33	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		02/19/22 10:32	02/22/22 15:33	1
Barium	<0.0031		0.010	0.0031	mg/L		02/19/22 10:32	02/22/22 15:33	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		02/19/22 10:32	02/22/22 15:33	1
Boron	<0.060		0.080	0.060	mg/L		02/19/22 10:32	02/22/22 15:33	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		02/19/22 10:32	02/22/22 15:33	1
Calcium	<0.13		0.50	0.13	mg/L		02/26/22 08:56	03/01/22 22:57	1
Chromium	<0.0015		0.0020	0.0015	mg/L		02/19/22 10:32	02/22/22 15:33	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		02/19/22 10:32	02/22/22 15:33	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/19/22 10:32	02/22/22 15:33	1
Lead	<0.00017		0.0010	0.00017	mg/L		02/19/22 10:32	02/22/22 15:33	1
Nickel	<0.00052		0.0010	0.00052	mg/L		02/19/22 10:32	02/22/22 15:33	1
Selenium	<0.00074		0.0050	0.00074	mg/L		02/19/22 10:32	02/22/22 15:33	1
Silver	<0.00022		0.0010	0.00022	mg/L		02/19/22 10:32	02/22/22 15:33	1
Thallium	<0.00047		0.0010	0.00047	mg/L		02/19/22 10:32	02/22/22 15:33	1
Vanadium	<0.00078		0.0010	0.00078	mg/L		02/19/22 10:32	02/22/22 15:33	1
Zinc	<0.0029		0.0050	0.0029	mg/L		02/26/22 08:56	03/01/22 22:57	1
Sodium	<0.18		0.50	0.18	mg/L		02/26/22 08:56	03/01/22 22:57	1
Potassium	<0.16		0.50	0.16	mg/L		02/26/22 08:56	03/01/22 22:57	1
Magnesium	<0.050		0.50	0.050	mg/L		02/26/22 08:56	03/01/22 22:57	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		02/28/22 11:33	03/01/22 19:29	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			02/18/22 18:15	1
Total Alkalinity as CaCO3 to pH 4.5	<5.0		5.0	5.0	mg/L			02/23/22 01:06	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/23/22 01:06	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/23/22 01:06	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

Client Sample ID: EB-7

Lab Sample ID: 180-133869-17

Date Collected: 02/15/22 15:15

Matrix: Water

Date Received: 02/17/22 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.71		1.0	0.71	mg/L			02/20/22 18:24	1
Fluoride	0.030	J	0.10	0.026	mg/L			02/20/22 18:24	1
Sulfate	<0.76		1.0	0.76	mg/L			02/20/22 18:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		02/19/22 10:32	02/22/22 15:35	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		02/19/22 10:32	02/22/22 15:35	1
Barium	<0.0031		0.010	0.0031	mg/L		02/19/22 10:32	02/22/22 15:35	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		02/19/22 10:32	02/22/22 15:35	1
Boron	<0.060		0.080	0.060	mg/L		02/19/22 10:32	02/22/22 15:35	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		02/19/22 10:32	02/22/22 15:35	1
Calcium	0.14	J	0.50	0.13	mg/L		02/19/22 10:32	02/22/22 15:35	1
Chromium	<0.0015		0.0020	0.0015	mg/L		02/19/22 10:32	02/22/22 15:35	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		02/19/22 10:32	02/22/22 15:35	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/19/22 10:32	02/22/22 15:35	1
Lead	<0.00017		0.0010	0.00017	mg/L		02/19/22 10:32	02/22/22 15:35	1
Nickel	<0.00052		0.0010	0.00052	mg/L		02/19/22 10:32	02/22/22 15:35	1
Selenium	<0.00074		0.0050	0.00074	mg/L		02/19/22 10:32	02/22/22 15:35	1
Silver	<0.00022		0.0010	0.00022	mg/L		02/19/22 10:32	02/22/22 15:35	1
Thallium	<0.00047		0.0010	0.00047	mg/L		02/19/22 10:32	02/22/22 15:35	1
Vanadium	<0.00078		0.0010	0.00078	mg/L		02/19/22 10:32	02/22/22 15:35	1
Zinc	<0.0029		0.0050	0.0029	mg/L		02/19/22 10:32	02/22/22 15:35	1
Sodium	<0.18		0.50	0.18	mg/L		02/19/22 10:32	02/22/22 15:35	1
Potassium	<0.16		0.50	0.16	mg/L		02/19/22 10:32	02/22/22 15:35	1
Magnesium	<0.050		0.50	0.050	mg/L		02/19/22 10:32	02/22/22 15:35	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		02/28/22 11:33	03/01/22 19:33	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			02/22/22 17:21	1
Total Alkalinity as CaCO3 to pH 4.5	<5.0		5.0	5.0	mg/L			02/23/22 01:22	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/23/22 01:22	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/23/22 01:22	1

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Client Sample Results

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

Client Sample ID: DUP-6

Lab Sample ID: 180-133869-18

Date Collected: 02/15/22 00:00

Matrix: Water

Date Received: 02/17/22 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8.8		1.0	0.71	mg/L			02/20/22 18:38	1
Fluoride	0.10		0.10	0.026	mg/L			02/20/22 18:38	1
Sulfate	11		1.0	0.76	mg/L			02/20/22 18:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		02/19/22 10:32	02/22/22 15:43	1
Arsenic	0.00049	J	0.0010	0.00028	mg/L		02/19/22 10:32	02/22/22 15:43	1
Barium	0.051		0.010	0.0031	mg/L		02/19/22 10:32	02/22/22 15:43	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		02/19/22 10:32	02/22/22 15:43	1
Boron	0.12		0.080	0.060	mg/L		02/19/22 10:32	02/22/22 15:43	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		02/19/22 10:32	02/22/22 15:43	1
Calcium	51		0.50	0.13	mg/L		02/19/22 10:32	02/22/22 15:43	1
Chromium	<0.0015		0.0020	0.0015	mg/L		02/19/22 10:32	02/22/22 15:43	1
Cobalt	0.0038		0.0025	0.00026	mg/L		02/19/22 10:32	02/22/22 15:43	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/19/22 10:32	02/22/22 15:43	1
Lead	<0.00017		0.0010	0.00017	mg/L		02/19/22 10:32	02/22/22 15:43	1
Nickel	0.0056		0.0010	0.00052	mg/L		02/19/22 10:32	02/22/22 15:43	1
Selenium	<0.00074		0.0050	0.00074	mg/L		02/19/22 10:32	02/22/22 15:43	1
Silver	<0.00022		0.0010	0.00022	mg/L		02/19/22 10:32	02/22/22 15:43	1
Thallium	<0.00047		0.0010	0.00047	mg/L		02/19/22 10:32	02/22/22 15:43	1
Vanadium	<0.00078		0.0010	0.00078	mg/L		02/19/22 10:32	02/22/22 15:43	1
Zinc	<0.0029		0.0050	0.0029	mg/L		02/19/22 10:32	02/22/22 15:43	1
Sodium	14		0.50	0.18	mg/L		02/19/22 10:32	02/22/22 15:43	1
Potassium	2.4		0.50	0.16	mg/L		02/19/22 10:32	02/22/22 15:43	1
Magnesium	25		0.50	0.050	mg/L		02/19/22 10:32	02/22/22 15:43	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		02/28/22 11:33	03/01/22 19:34	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	350		10	10	mg/L			02/18/22 18:15	1
Total Alkalinity as CaCO3 to pH 4.5	260		5.0	5.0	mg/L			02/23/22 01:33	1
Bicarbonate Alkalinity as CaCO3	260		5.0	5.0	mg/L			02/23/22 01:33	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/23/22 01:33	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

Client Sample ID: GWC-11

Lab Sample ID: 180-133984-1

Date Collected: 02/16/22 11:55

Matrix: Water

Date Received: 02/21/22 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.7		1.0	0.71	mg/L			03/01/22 02:09	1
Fluoride	<0.026		0.10	0.026	mg/L			03/01/22 02:09	1
Sulfate	<0.76		1.0	0.76	mg/L			03/01/22 02:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		02/25/22 07:59	02/26/22 09:34	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		02/25/22 07:59	02/26/22 09:34	1
Barium	0.018		0.010	0.0031	mg/L		02/25/22 07:59	02/26/22 09:34	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		02/25/22 07:59	02/26/22 09:34	1
Boron	<0.060		0.080	0.060	mg/L		02/25/22 07:59	02/26/22 09:34	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		02/25/22 07:59	02/26/22 09:34	1
Calcium	12		0.50	0.13	mg/L		02/25/22 07:59	02/26/22 09:34	1
Chromium	0.0074		0.0020	0.0015	mg/L		02/25/22 07:59	02/26/22 09:34	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		02/25/22 07:59	02/26/22 09:34	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/25/22 07:59	02/26/22 09:34	1
Lead	<0.00017		0.0010	0.00017	mg/L		02/25/22 07:59	02/26/22 09:34	1
Nickel	0.00070	J	0.0010	0.00052	mg/L		02/25/22 07:59	02/26/22 09:34	1
Selenium	<0.00074		0.0050	0.00074	mg/L		02/25/22 07:59	02/26/22 09:34	1
Silver	<0.00022		0.0010	0.00022	mg/L		02/25/22 07:59	02/26/22 09:34	1
Thallium	<0.00047		0.0010	0.00047	mg/L		02/25/22 07:59	02/26/22 09:34	1
Vanadium	0.0099		0.0010	0.00078	mg/L		02/25/22 07:59	02/26/22 09:34	1
Zinc	0.0034	J	0.0050	0.0029	mg/L		02/25/22 07:59	02/26/22 09:34	1
Sodium	4.7		0.50	0.18	mg/L		02/25/22 07:59	02/26/22 09:34	1
Potassium	0.81		0.50	0.16	mg/L		02/25/22 07:59	02/26/22 09:34	1
Magnesium	6.5		0.50	0.050	mg/L		02/25/22 07:59	02/26/22 09:34	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		03/01/22 13:20	03/01/22 19:49	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	79		10	10	mg/L			02/22/22 17:41	1
Total Alkalinity as CaCO3 to pH 4.5	72		5.0	5.0	mg/L			02/26/22 19:31	1
Bicarbonate Alkalinity as CaCO3	72		5.0	5.0	mg/L			02/26/22 19:31	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/26/22 19:31	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.16				SU			02/16/22 11:55	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

Client Sample ID: GWC-12

Lab Sample ID: 180-133984-2

Date Collected: 02/16/22 12:56

Matrix: Water

Date Received: 02/21/22 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.9		1.0	0.71	mg/L			02/28/22 23:40	1
Fluoride	<0.026		0.10	0.026	mg/L			02/28/22 23:40	1
Sulfate	<0.76		1.0	0.76	mg/L			02/28/22 23:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		02/25/22 07:59	02/26/22 09:38	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		02/25/22 07:59	02/26/22 09:38	1
Barium	0.018		0.010	0.0031	mg/L		02/25/22 07:59	02/26/22 09:38	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		02/25/22 07:59	02/26/22 09:38	1
Boron	<0.060		0.080	0.060	mg/L		02/25/22 07:59	02/26/22 09:38	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		02/25/22 07:59	02/26/22 09:38	1
Calcium	1.1		0.50	0.13	mg/L		02/25/22 07:59	02/26/22 09:38	1
Chromium	<0.0015		0.0020	0.0015	mg/L		02/25/22 07:59	02/26/22 09:38	1
Cobalt	0.00033	J	0.0025	0.00026	mg/L		02/25/22 07:59	02/26/22 09:38	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/25/22 07:59	02/26/22 09:38	1
Lead	<0.00017		0.0010	0.00017	mg/L		02/25/22 07:59	02/26/22 09:38	1
Nickel	0.00076	J	0.0010	0.00052	mg/L		02/25/22 07:59	02/26/22 09:38	1
Selenium	<0.00074		0.0050	0.00074	mg/L		02/25/22 07:59	02/26/22 09:38	1
Silver	<0.00022		0.0010	0.00022	mg/L		02/25/22 07:59	02/26/22 09:38	1
Thallium	<0.00047		0.0010	0.00047	mg/L		02/25/22 07:59	02/26/22 09:38	1
Vanadium	<0.00078		0.0010	0.00078	mg/L		02/25/22 07:59	02/26/22 09:38	1
Zinc	0.0032	J	0.0050	0.0029	mg/L		02/25/22 07:59	02/26/22 09:38	1
Sodium	2.5		0.50	0.18	mg/L		02/25/22 07:59	02/26/22 09:38	1
Potassium	0.37	J	0.50	0.16	mg/L		02/25/22 07:59	02/26/22 09:38	1
Magnesium	0.90		0.50	0.050	mg/L		02/25/22 07:59	02/26/22 09:38	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		03/01/22 13:20	03/01/22 19:50	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	16		10	10	mg/L			02/22/22 17:41	1
Total Alkalinity as CaCO3 to pH 4.5	9.8		5.0	5.0	mg/L			02/25/22 00:49	1
Bicarbonate Alkalinity as CaCO3	9.8		5.0	5.0	mg/L			02/25/22 00:49	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/25/22 00:49	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	5.11				SU			02/16/22 12:56	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

Client Sample ID: GWC-13

Lab Sample ID: 180-133984-3

Date Collected: 02/16/22 09:25

Matrix: Water

Date Received: 02/21/22 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.5		1.0	0.71	mg/L			03/01/22 00:05	1
Fluoride	<0.0026		0.10	0.026	mg/L			03/01/22 00:05	1
Sulfate	<0.76		1.0	0.76	mg/L			03/01/22 00:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		02/25/22 07:59	02/26/22 09:42	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		02/25/22 07:59	02/26/22 09:42	1
Barium	0.035		0.010	0.0031	mg/L		02/25/22 07:59	02/26/22 09:42	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		02/25/22 07:59	02/26/22 09:42	1
Boron	<0.060		0.080	0.060	mg/L		02/25/22 07:59	02/26/22 09:42	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		02/25/22 07:59	02/26/22 09:42	1
Calcium	6.7		0.50	0.13	mg/L		02/25/22 07:59	02/26/22 09:42	1
Chromium	0.0050		0.0020	0.0015	mg/L		02/25/22 07:59	02/26/22 09:42	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		02/25/22 07:59	02/26/22 09:42	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/25/22 07:59	02/26/22 09:42	1
Lead	<0.00017		0.0010	0.00017	mg/L		02/25/22 07:59	02/26/22 09:42	1
Nickel	<0.00052		0.0010	0.00052	mg/L		02/25/22 07:59	02/26/22 09:42	1
Selenium	<0.00074		0.0050	0.00074	mg/L		02/25/22 07:59	02/26/22 09:42	1
Silver	<0.00022		0.0010	0.00022	mg/L		02/25/22 07:59	02/26/22 09:42	1
Thallium	<0.00047		0.0010	0.00047	mg/L		02/25/22 07:59	02/26/22 09:42	1
Vanadium	0.0011		0.0010	0.00078	mg/L		02/25/22 07:59	02/26/22 09:42	1
Zinc	0.0040 J		0.0050	0.0029	mg/L		02/25/22 07:59	02/26/22 09:42	1
Sodium	5.7		0.50	0.18	mg/L		02/25/22 07:59	02/26/22 09:42	1
Potassium	0.53		0.50	0.16	mg/L		02/25/22 07:59	02/26/22 09:42	1
Magnesium	4.3		0.50	0.050	mg/L		02/25/22 07:59	02/26/22 09:42	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		03/01/22 13:20	03/01/22 19:51	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	55		10	10	mg/L			02/22/22 17:41	1
Total Alkalinity as CaCO3 to pH 4.5	47		5.0	5.0	mg/L			02/25/22 02:36	1
Bicarbonate Alkalinity as CaCO3	47		5.0	5.0	mg/L			02/25/22 02:36	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/25/22 02:36	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	5.79				SU			02/16/22 09:25	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

Client Sample ID: GWC-14

Lab Sample ID: 180-133984-4

Date Collected: 02/16/22 11:19

Matrix: Water

Date Received: 02/21/22 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3.2		1.0	0.71	mg/L			03/01/22 00:30	1
Fluoride	<0.026		0.10	0.026	mg/L			03/01/22 00:30	1
Sulfate	<0.76		1.0	0.76	mg/L			03/01/22 00:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		02/25/22 07:59	02/26/22 09:45	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		02/25/22 07:59	02/26/22 09:45	1
Barium	0.011		0.010	0.0031	mg/L		02/25/22 07:59	02/26/22 09:45	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		02/25/22 07:59	02/26/22 09:45	1
Boron	<0.060		0.080	0.060	mg/L		02/25/22 07:59	02/26/22 09:45	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		02/25/22 07:59	02/26/22 09:45	1
Calcium	6.3		0.50	0.13	mg/L		02/25/22 07:59	02/26/22 09:45	1
Chromium	<0.0015		0.0020	0.0015	mg/L		02/25/22 07:59	02/26/22 09:45	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		02/25/22 07:59	02/26/22 09:45	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/25/22 07:59	02/26/22 09:45	1
Lead	<0.00017		0.0010	0.00017	mg/L		02/25/22 07:59	02/26/22 09:45	1
Nickel	<0.00052		0.0010	0.00052	mg/L		02/25/22 07:59	02/26/22 09:45	1
Selenium	<0.00074		0.0050	0.00074	mg/L		02/25/22 07:59	02/26/22 09:45	1
Silver	<0.00022		0.0010	0.00022	mg/L		02/25/22 07:59	02/26/22 09:45	1
Thallium	<0.00047		0.0010	0.00047	mg/L		02/25/22 07:59	02/26/22 09:45	1
Vanadium	0.00091	J	0.0010	0.00078	mg/L		02/25/22 07:59	02/26/22 09:45	1
Zinc	<0.0029		0.0050	0.0029	mg/L		02/25/22 07:59	02/26/22 09:45	1
Sodium	3.3		0.50	0.18	mg/L		02/25/22 07:59	02/26/22 09:45	1
Potassium	0.47	J	0.50	0.16	mg/L		02/25/22 07:59	02/26/22 09:45	1
Magnesium	3.3		0.50	0.050	mg/L		02/25/22 07:59	02/26/22 09:45	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		03/01/22 13:20	03/01/22 19:52	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	46		10	10	mg/L			02/22/22 17:41	1
Total Alkalinity as CaCO3 to pH 4.5	34		5.0	5.0	mg/L			02/24/22 19:54	1
Bicarbonate Alkalinity as CaCO3	34		5.0	5.0	mg/L			02/24/22 19:54	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/24/22 19:54	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	5.60				SU			02/16/22 11:19	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

Client Sample ID: GWC-18

Lab Sample ID: 180-133984-5

Date Collected: 02/16/22 11:35

Matrix: Water

Date Received: 02/21/22 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2.7		1.0	0.71	mg/L			03/01/22 00:54	1
Fluoride	0.034	J	0.10	0.026	mg/L			03/01/22 00:54	1
Sulfate	<0.76		1.0	0.76	mg/L			03/01/22 00:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		02/25/22 07:59	02/26/22 09:49	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		02/25/22 07:59	02/26/22 09:49	1
Barium	0.034		0.010	0.0031	mg/L		02/25/22 07:59	02/26/22 09:49	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		02/25/22 07:59	02/26/22 09:49	1
Boron	<0.060		0.080	0.060	mg/L		02/25/22 07:59	02/26/22 09:49	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		02/25/22 07:59	02/26/22 09:49	1
Calcium	9.7		0.50	0.13	mg/L		02/25/22 07:59	02/26/22 09:49	1
Chromium	0.012		0.0020	0.0015	mg/L		02/25/22 07:59	02/26/22 09:49	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		02/25/22 07:59	02/26/22 09:49	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/25/22 07:59	02/26/22 09:49	1
Lead	<0.00017		0.0010	0.00017	mg/L		02/25/22 07:59	02/26/22 09:49	1
Nickel	<0.00052		0.0010	0.00052	mg/L		02/25/22 07:59	02/26/22 09:49	1
Selenium	<0.00074		0.0050	0.00074	mg/L		02/25/22 07:59	02/26/22 09:49	1
Silver	<0.00022		0.0010	0.00022	mg/L		02/25/22 07:59	02/26/22 09:49	1
Thallium	<0.00047		0.0010	0.00047	mg/L		02/25/22 07:59	02/26/22 09:49	1
Vanadium	0.0066		0.0010	0.00078	mg/L		02/25/22 07:59	02/26/22 09:49	1
Zinc	<0.0029		0.0050	0.0029	mg/L		02/25/22 07:59	02/26/22 09:49	1
Sodium	7.1		0.50	0.18	mg/L		02/25/22 07:59	02/26/22 09:49	1
Potassium	0.72		0.50	0.16	mg/L		02/25/22 07:59	02/26/22 09:49	1
Magnesium	4.8		0.50	0.050	mg/L		02/25/22 07:59	02/26/22 09:49	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		03/01/22 13:20	03/01/22 19:53	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	70		10	10	mg/L			02/22/22 17:41	1
Total Alkalinity as CaCO3 to pH 4.5	62		5.0	5.0	mg/L			02/24/22 20:01	1
Bicarbonate Alkalinity as CaCO3	62		5.0	5.0	mg/L			02/24/22 20:01	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/24/22 20:01	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.54				SU			02/16/22 11:35	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

Client Sample ID: GWC-19

Lab Sample ID: 180-133984-6

Date Collected: 02/16/22 10:36

Matrix: Water

Date Received: 02/21/22 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2.4		1.0	0.71	mg/L			03/01/22 03:24	1
Fluoride	0.028	J	0.10	0.026	mg/L			03/01/22 03:24	1
Sulfate	<0.76		1.0	0.76	mg/L			03/01/22 03:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		02/25/22 07:59	02/26/22 09:53	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		02/25/22 07:59	02/26/22 09:53	1
Barium	0.027		0.010	0.0031	mg/L		02/25/22 07:59	02/26/22 09:53	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		02/25/22 07:59	02/26/22 09:53	1
Boron	<0.060		0.080	0.060	mg/L		02/25/22 07:59	02/26/22 09:53	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		02/25/22 07:59	02/26/22 09:53	1
Calcium	15		0.50	0.13	mg/L		02/25/22 07:59	02/26/22 09:53	1
Chromium	0.011		0.0020	0.0015	mg/L		02/25/22 07:59	02/26/22 09:53	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		02/25/22 07:59	02/26/22 09:53	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/25/22 07:59	02/26/22 09:53	1
Lead	<0.00017		0.0010	0.00017	mg/L		02/25/22 07:59	02/26/22 09:53	1
Nickel	<0.00052		0.0010	0.00052	mg/L		02/25/22 07:59	02/26/22 09:53	1
Selenium	<0.00074		0.0050	0.00074	mg/L		02/25/22 07:59	02/26/22 09:53	1
Silver	<0.00022		0.0010	0.00022	mg/L		02/25/22 07:59	02/26/22 09:53	1
Thallium	<0.00047		0.0010	0.00047	mg/L		02/25/22 07:59	02/26/22 09:53	1
Vanadium	0.0068		0.0010	0.00078	mg/L		02/25/22 07:59	02/26/22 09:53	1
Zinc	<0.0029		0.0050	0.0029	mg/L		02/25/22 07:59	02/26/22 09:53	1
Sodium	8.4		0.50	0.18	mg/L		02/25/22 07:59	02/26/22 09:53	1
Potassium	1.2		0.50	0.16	mg/L		02/25/22 07:59	02/26/22 09:53	1
Magnesium	7.6		0.50	0.050	mg/L		02/25/22 07:59	02/26/22 09:53	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		03/01/22 13:20	03/01/22 19:54	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	110		10	10	mg/L			02/22/22 17:41	1
Total Alkalinity as CaCO3 to pH 4.5	93		5.0	5.0	mg/L			02/24/22 20:42	1
Bicarbonate Alkalinity as CaCO3	93		5.0	5.0	mg/L			02/24/22 20:42	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/24/22 20:42	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.47				SU			02/16/22 10:36	1

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Client Sample Results

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

Client Sample ID: GWC-20

Lab Sample ID: 180-133984-7

Date Collected: 02/16/22 09:48

Matrix: Water

Date Received: 02/21/22 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2.0		1.0	0.71	mg/L			03/01/22 03:39	1
Fluoride	<0.026		0.10	0.026	mg/L			03/01/22 03:39	1
Sulfate	<0.76		1.0	0.76	mg/L			03/01/22 03:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		02/25/22 07:59	02/26/22 09:56	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		02/25/22 07:59	02/26/22 09:56	1
Barium	0.030		0.010	0.0031	mg/L		02/25/22 07:59	02/26/22 09:56	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		02/25/22 07:59	02/26/22 09:56	1
Boron	<0.060		0.080	0.060	mg/L		02/25/22 07:59	02/26/22 09:56	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		02/25/22 07:59	02/26/22 09:56	1
Calcium	13		0.50	0.13	mg/L		02/25/22 07:59	02/26/22 09:56	1
Chromium	0.0081		0.0020	0.0015	mg/L		02/25/22 07:59	02/26/22 09:56	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		02/25/22 07:59	02/26/22 09:56	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/25/22 07:59	02/26/22 09:56	1
Lead	<0.00017		0.0010	0.00017	mg/L		02/25/22 07:59	02/26/22 09:56	1
Nickel	0.00055	J	0.0010	0.00052	mg/L		02/25/22 07:59	02/26/22 09:56	1
Selenium	<0.00074		0.0050	0.00074	mg/L		02/25/22 07:59	02/26/22 09:56	1
Silver	<0.00022		0.0010	0.00022	mg/L		02/25/22 07:59	02/26/22 09:56	1
Thallium	<0.00047		0.0010	0.00047	mg/L		02/25/22 07:59	02/26/22 09:56	1
Vanadium	0.018		0.0010	0.00078	mg/L		02/25/22 07:59	02/26/22 09:56	1
Zinc	<0.0029		0.0050	0.0029	mg/L		02/25/22 07:59	02/26/22 09:56	1
Sodium	6.5		0.50	0.18	mg/L		02/25/22 07:59	02/26/22 09:56	1
Potassium	1.0		0.50	0.16	mg/L		02/25/22 07:59	02/26/22 09:56	1
Magnesium	6.1		0.50	0.050	mg/L		02/25/22 07:59	02/26/22 09:56	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00015	J	0.00020	0.00013	mg/L		03/01/22 14:16	03/01/22 19:55	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	110		10	10	mg/L			02/22/22 17:45	1
Total Alkalinity as CaCO3 to pH 4.5	72		5.0	5.0	mg/L			02/26/22 19:38	1
Bicarbonate Alkalinity as CaCO3	72		5.0	5.0	mg/L			02/26/22 19:38	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/26/22 19:38	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.71				SU			02/16/22 09:48	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

Client Sample ID: DUP-7

Lab Sample ID: 180-133984-8

Date Collected: 02/16/22 00:00

Matrix: Water

Date Received: 02/21/22 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2.4		1.0	0.71	mg/L			03/01/22 03:53	1
Fluoride	<0.026		0.10	0.026	mg/L			03/01/22 03:53	1
Sulfate	<0.76		1.0	0.76	mg/L			03/01/22 03:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.00054	J	0.0020	0.00051	mg/L		02/25/22 07:59	02/26/22 10:07	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		02/25/22 07:59	02/26/22 10:07	1
Barium	0.029		0.010	0.0031	mg/L		02/25/22 07:59	02/26/22 10:07	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		02/25/22 07:59	02/26/22 10:07	1
Boron	<0.060		0.080	0.060	mg/L		02/25/22 07:59	02/26/22 10:07	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		02/25/22 07:59	02/26/22 10:07	1
Calcium	16		0.50	0.13	mg/L		02/25/22 07:59	02/26/22 10:07	1
Chromium	0.011		0.0020	0.0015	mg/L		02/25/22 07:59	02/26/22 10:07	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		02/25/22 07:59	02/26/22 10:07	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/25/22 07:59	02/26/22 10:07	1
Lead	<0.00017		0.0010	0.00017	mg/L		02/25/22 07:59	02/26/22 10:07	1
Nickel	<0.00052		0.0010	0.00052	mg/L		02/25/22 07:59	02/26/22 10:07	1
Selenium	<0.00074		0.0050	0.00074	mg/L		02/25/22 07:59	02/26/22 10:07	1
Silver	<0.00022		0.0010	0.00022	mg/L		02/25/22 07:59	02/26/22 10:07	1
Thallium	<0.00047		0.0010	0.00047	mg/L		02/25/22 07:59	02/26/22 10:07	1
Vanadium	0.0070		0.0010	0.00078	mg/L		02/25/22 07:59	02/26/22 10:07	1
Zinc	<0.0029		0.0050	0.0029	mg/L		02/25/22 07:59	02/26/22 10:07	1
Sodium	8.6		0.50	0.18	mg/L		02/25/22 07:59	02/26/22 10:07	1
Potassium	1.2		0.50	0.16	mg/L		02/25/22 07:59	02/26/22 10:07	1
Magnesium	7.8		0.50	0.050	mg/L		02/25/22 07:59	02/26/22 10:07	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00044		0.00020	0.00013	mg/L		03/01/22 14:16	03/01/22 19:56	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	120		10	10	mg/L			02/22/22 17:45	1
Total Alkalinity as CaCO3 to pH 4.5	95		5.0	5.0	mg/L			02/26/22 19:45	1
Bicarbonate Alkalinity as CaCO3	95		5.0	5.0	mg/L			02/26/22 19:45	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/26/22 19:45	1

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QC Sample Results

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

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

Lab Sample ID: MB 180-388878/41
Matrix: Water
Analysis Batch: 388878

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.71		1.0	0.71	mg/L			02/20/22 17:16	1
Fluoride	<0.026		0.10	0.026	mg/L			02/20/22 17:16	1
Sulfate	<0.76		1.0	0.76	mg/L			02/20/22 17:16	1

Lab Sample ID: MB 180-388878/7
Matrix: Water
Analysis Batch: 388878

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.71		1.0	0.71	mg/L			02/20/22 06:58	1
Fluoride	<0.026		0.10	0.026	mg/L			02/20/22 06:58	1
Sulfate	<0.76		1.0	0.76	mg/L			02/20/22 06:58	1

Lab Sample ID: LCS 180-388878/40
Matrix: Water
Analysis Batch: 388878

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	50.0	51.2		mg/L		102	90 - 110
Fluoride	2.50	2.69		mg/L		108	90 - 110
Sulfate	50.0	51.1		mg/L		102	90 - 110

Lab Sample ID: LCS 180-388878/6
Matrix: Water
Analysis Batch: 388878

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	50.0	49.7		mg/L		99	90 - 110
Fluoride	2.50	2.63		mg/L		105	90 - 110
Sulfate	50.0	49.8		mg/L		100	90 - 110

Lab Sample ID: 180-133869-5 MS
Matrix: Water
Analysis Batch: 388878

Client Sample ID: GWC-5
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	16		50.0	61.8		mg/L		93	90 - 110
Fluoride	0.16		2.50	2.43		mg/L		91	90 - 110
Sulfate	100	F1	50.0	146	F1	mg/L		88	90 - 110

Lab Sample ID: 180-133869-5 MSD
Matrix: Water
Analysis Batch: 388878

Client Sample ID: GWC-5
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	16		50.0	60.9		mg/L		91	90 - 110	1	20
Fluoride	0.16		2.50	2.42		mg/L		90	90 - 110	1	20
Sulfate	100	F1	50.0	145	F1	mg/L		85	90 - 110	1	20

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QC Sample Results

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

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

Lab Sample ID: 180-133869-15 MS
Matrix: Water
Analysis Batch: 388878

Client Sample ID: FB-7
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	<0.71		50.0	48.2		mg/L		96	90 - 110
Fluoride	<0.026		2.50	2.52		mg/L		101	90 - 110
Sulfate	<0.76		50.0	48.5		mg/L		97	90 - 110

Lab Sample ID: 180-133869-15 MSD
Matrix: Water
Analysis Batch: 388878

Client Sample ID: FB-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	<0.71		50.0	48.9		mg/L		98	90 - 110	1	20
Fluoride	<0.026		2.50	2.56		mg/L		103	90 - 110	2	20
Sulfate	<0.76		50.0	51.6		mg/L		103	90 - 110	6	20

Lab Sample ID: MB 180-389765/7
Matrix: Water
Analysis Batch: 389765

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.71		1.0	0.71	mg/L			02/28/22 13:21	1
Fluoride	<0.026		0.10	0.026	mg/L			02/28/22 13:21	1
Sulfate	<0.76		1.0	0.76	mg/L			02/28/22 13:21	1

Lab Sample ID: LCS 180-389765/6
Matrix: Water
Analysis Batch: 389765

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	50.0	49.7		mg/L		99	90 - 110
Fluoride	2.50	2.55		mg/L		102	90 - 110
Sulfate	50.0	50.7		mg/L		101	90 - 110

Lab Sample ID: 180-133984-1 MS
Matrix: Water
Analysis Batch: 389765

Client Sample ID: GWC-11
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	1.7		50.0	50.0		mg/L		97	90 - 110
Fluoride	<0.026		2.50	2.48		mg/L		99	90 - 110
Sulfate	<0.76		50.0	49.4		mg/L		99	90 - 110

Lab Sample ID: 180-133984-1 MSD
Matrix: Water
Analysis Batch: 389765

Client Sample ID: GWC-11
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	1.7		50.0	49.9		mg/L		97	90 - 110	0	20
Fluoride	<0.026		2.50	2.48		mg/L		99	90 - 110	0	20
Sulfate	<0.76		50.0	49.4		mg/L		99	90 - 110	0	20

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QC Sample Results

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

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

Lab Sample ID: 180-134279-B-1 MS
Matrix: Water
Analysis Batch: 389765

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	72		250	309		mg/L		95	90 - 110
Fluoride	<0.13		12.5	12.3		mg/L		98	90 - 110
Sulfate	66		250	308		mg/L		97	90 - 110

Lab Sample ID: 180-134279-B-1 MSD
Matrix: Water
Analysis Batch: 389765

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	72		250	317		mg/L		98	90 - 110	3	20
Fluoride	<0.13		12.5	12.7		mg/L		101	90 - 110	3	20
Sulfate	66		250	317		mg/L		100	90 - 110	3	20

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

Lab Sample ID: MB 180-388850/1-A
Matrix: Water
Analysis Batch: 389213

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 388850

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		02/19/22 10:29	02/22/22 14:29	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		02/19/22 10:29	02/22/22 14:29	1
Barium	<0.0031		0.010	0.0031	mg/L		02/19/22 10:29	02/22/22 14:29	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		02/19/22 10:29	02/22/22 14:29	1
Boron	<0.060		0.080	0.060	mg/L		02/19/22 10:29	02/22/22 14:29	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		02/19/22 10:29	02/22/22 14:29	1
Calcium	<0.13		0.50	0.13	mg/L		02/19/22 10:29	02/22/22 14:29	1
Chromium	<0.0015		0.0020	0.0015	mg/L		02/19/22 10:29	02/22/22 14:29	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		02/19/22 10:29	02/22/22 14:29	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/19/22 10:29	02/22/22 14:29	1
Lead	<0.00017		0.0010	0.00017	mg/L		02/19/22 10:29	02/22/22 14:29	1
Nickel	<0.00052		0.0010	0.00052	mg/L		02/19/22 10:29	02/22/22 14:29	1
Selenium	<0.00074		0.0050	0.00074	mg/L		02/19/22 10:29	02/22/22 14:29	1
Silver	<0.00022		0.0010	0.00022	mg/L		02/19/22 10:29	02/22/22 14:29	1
Thallium	<0.00047		0.0010	0.00047	mg/L		02/19/22 10:29	02/22/22 14:29	1
Vanadium	<0.00078		0.0010	0.00078	mg/L		02/19/22 10:29	02/22/22 14:29	1
Zinc	<0.0029		0.0050	0.0029	mg/L		02/19/22 10:29	02/22/22 14:29	1
Sodium	<0.18		0.50	0.18	mg/L		02/19/22 10:29	02/22/22 14:29	1
Potassium	<0.16		0.50	0.16	mg/L		02/19/22 10:29	02/22/22 14:29	1
Magnesium	<0.050		0.50	0.050	mg/L		02/19/22 10:29	02/22/22 14:29	1

Lab Sample ID: LCS 180-388850/2-A
Matrix: Water
Analysis Batch: 389213

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 388850

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	0.250	0.252		mg/L		101	80 - 120
Arsenic	1.00	1.00		mg/L		100	80 - 120
Barium	1.00	1.05		mg/L		105	80 - 120

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QC Sample Results

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

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

Lab Sample ID: LCS 180-388850/2-A
Matrix: Water
Analysis Batch: 389213

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 388850

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Beryllium	0.500	0.508		mg/L		102	80 - 120
Boron	1.25	1.20		mg/L		96	80 - 120
Cadmium	0.500	0.532		mg/L		106	80 - 120
Calcium	25.0	25.5		mg/L		102	80 - 120
Chromium	0.500	0.526		mg/L		105	80 - 120
Cobalt	0.500	0.511		mg/L		102	80 - 120
Copper	0.500	0.496		mg/L		99	80 - 120
Lead	0.500	0.531		mg/L		106	80 - 120
Nickel	0.500	0.514		mg/L		103	80 - 120
Selenium	1.00	1.01		mg/L		101	80 - 120
Silver	0.250	0.270		mg/L		108	80 - 120
Thallium	1.00	1.05		mg/L		105	80 - 120
Vanadium	0.500	0.529		mg/L		106	80 - 120
Zinc	0.250	0.242		mg/L		97	80 - 120
Sodium	25.0	24.2		mg/L		97	80 - 120
Potassium	25.0	25.8		mg/L		103	80 - 120
Magnesium	25.0	23.2		mg/L		93	80 - 120

Lab Sample ID: 180-133727-B-1-A MS
Matrix: Water
Analysis Batch: 389213

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 388850

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	<0.00051		0.250	0.257		mg/L		103	75 - 125
Arsenic	<0.00028		1.00	1.05		mg/L		105	75 - 125
Barium	0.24		1.00	1.36		mg/L		112	75 - 125
Beryllium	<0.00027		0.500	0.566		mg/L		113	75 - 125
Boron	0.072	J	1.25	1.36		mg/L		103	75 - 125
Cadmium	<0.00022		0.500	0.553		mg/L		111	75 - 125
Calcium	62		25.0	91.5		mg/L		117	75 - 125
Chromium	<0.0015		0.500	0.536		mg/L		107	75 - 125
Cobalt	<0.00026		0.500	0.528		mg/L		106	75 - 125
Copper	<0.0011		0.500	0.504		mg/L		101	75 - 125
Lead	<0.00017		0.500	0.542		mg/L		108	75 - 125
Nickel	<0.00052		0.500	0.527		mg/L		105	75 - 125
Selenium	<0.00074		1.00	1.04		mg/L		104	75 - 125
Silver	<0.00022		0.250	0.268		mg/L		107	75 - 125
Thallium	<0.00047		1.00	1.08		mg/L		108	75 - 125
Vanadium	<0.00078		0.500	0.553		mg/L		111	75 - 125
Zinc	<0.0029		0.250	0.246		mg/L		99	75 - 125
Sodium	7.1		25.0	31.8		mg/L		99	75 - 125
Potassium	1.7		25.0	28.6		mg/L		108	75 - 125
Magnesium	18		25.0	43.0		mg/L		101	75 - 125

QC Sample Results

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

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

Lab Sample ID: 180-133727-B-1-B MSD

Matrix: Water

Analysis Batch: 389213

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total Recoverable

Prep Batch: 388850

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
Antimony	<0.00051		0.250	0.255		mg/L		102	75 - 125	1	20
Arsenic	<0.00028		1.00	1.08		mg/L		108	75 - 125	2	20
Barium	0.24		1.00	1.34		mg/L		111	75 - 125	1	20
Beryllium	<0.00027		0.500	0.516		mg/L		103	75 - 125	9	20
Boron	0.072	J	1.25	1.27		mg/L		96	75 - 125	7	20
Cadmium	<0.00022		0.500	0.555		mg/L		111	75 - 125	0	20
Calcium	62		25.0	93.0		mg/L		123	75 - 125	2	20
Chromium	<0.0015		0.500	0.549		mg/L		110	75 - 125	2	20
Cobalt	<0.00026		0.500	0.523		mg/L		105	75 - 125	1	20
Copper	<0.0011		0.500	0.518		mg/L		104	75 - 125	3	20
Lead	<0.00017		0.500	0.541		mg/L		108	75 - 125	0	20
Nickel	<0.00052		0.500	0.539		mg/L		108	75 - 125	2	20
Selenium	<0.00074		1.00	1.04		mg/L		104	75 - 125	1	20
Silver	<0.00022		0.250	0.269		mg/L		108	75 - 125	0	20
Thallium	<0.00047		1.00	1.08		mg/L		108	75 - 125	0	20
Vanadium	<0.00078		0.500	0.548		mg/L		110	75 - 125	1	20
Zinc	<0.0029		0.250	0.249		mg/L		100	75 - 125	1	20
Sodium	7.1		25.0	33.0		mg/L		104	75 - 125	4	20
Potassium	1.7		25.0	27.4		mg/L		103	75 - 125	4	20
Magnesium	18		25.0	43.4		mg/L		103	75 - 125	1	20

Lab Sample ID: MB 180-388851/1-A

Matrix: Water

Analysis Batch: 389213

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 388851

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Antimony	<0.00051		0.0020	0.00051	mg/L		02/19/22 10:32	02/22/22 16:52	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		02/19/22 10:32	02/22/22 16:52	1
Barium	<0.0031		0.010	0.0031	mg/L		02/19/22 10:32	02/22/22 16:52	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		02/19/22 10:32	02/22/22 16:52	1
Boron	<0.060		0.080	0.060	mg/L		02/19/22 10:32	02/22/22 16:52	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		02/19/22 10:32	02/22/22 16:52	1
Calcium	<0.13		0.50	0.13	mg/L		02/19/22 10:32	02/22/22 16:52	1
Chromium	<0.0015		0.0020	0.0015	mg/L		02/19/22 10:32	02/22/22 16:52	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		02/19/22 10:32	02/22/22 16:52	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/19/22 10:32	02/22/22 16:52	1
Lead	<0.00017		0.0010	0.00017	mg/L		02/19/22 10:32	02/22/22 16:52	1
Nickel	<0.00052		0.0010	0.00052	mg/L		02/19/22 10:32	02/22/22 16:52	1
Selenium	<0.00074		0.0050	0.00074	mg/L		02/19/22 10:32	02/22/22 16:52	1
Silver	<0.00022		0.0010	0.00022	mg/L		02/19/22 10:32	02/22/22 16:52	1
Thallium	<0.00047		0.0010	0.00047	mg/L		02/19/22 10:32	02/22/22 16:52	1
Vanadium	<0.00078		0.0010	0.00078	mg/L		02/19/22 10:32	02/22/22 16:52	1
Zinc	<0.0029		0.0050	0.0029	mg/L		02/19/22 10:32	02/22/22 16:52	1
Sodium	<0.18		0.50	0.18	mg/L		02/19/22 10:32	02/22/22 16:52	1
Potassium	<0.16		0.50	0.16	mg/L		02/19/22 10:32	02/22/22 16:52	1
Magnesium	<0.050		0.50	0.050	mg/L		02/19/22 10:32	02/22/22 16:52	1

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QC Sample Results

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

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

Lab Sample ID: LCS 180-388851/2-A
Matrix: Water
Analysis Batch: 389213

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 388851

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Antimony	0.250	0.256		mg/L		102	80 - 120
Arsenic	1.00	1.00		mg/L		100	80 - 120
Barium	1.00	1.08		mg/L		108	80 - 120
Beryllium	0.500	0.522		mg/L		104	80 - 120
Boron	1.25	1.25		mg/L		100	80 - 120
Cadmium	0.500	0.551		mg/L		110	80 - 120
Calcium	25.0	24.9		mg/L		100	80 - 120
Chromium	0.500	0.537		mg/L		107	80 - 120
Cobalt	0.500	0.504		mg/L		101	80 - 120
Copper	0.500	0.486		mg/L		97	80 - 120
Lead	0.500	0.540		mg/L		108	80 - 120
Nickel	0.500	0.506		mg/L		101	80 - 120
Selenium	1.00	1.05		mg/L		105	80 - 120
Silver	0.250	0.264		mg/L		106	80 - 120
Thallium	1.00	1.09		mg/L		109	80 - 120
Vanadium	0.500	0.536		mg/L		107	80 - 120
Zinc	0.250	0.238		mg/L		95	80 - 120
Sodium	25.0	23.4		mg/L		94	80 - 120
Potassium	25.0	25.9		mg/L		104	80 - 120
Magnesium	25.0	22.8		mg/L		91	80 - 120

Lab Sample ID: 180-133869-5 MS
Matrix: Water
Analysis Batch: 389213

Client Sample ID: GWC-5
Prep Type: Total Recoverable
Prep Batch: 388851

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Antimony	<0.00051		0.250	0.255		mg/L		102	75 - 125
Arsenic	<0.00028		1.00	1.03		mg/L		103	75 - 125
Barium	0.038		1.00	1.13		mg/L		110	75 - 125
Beryllium	<0.00027		0.500	0.472		mg/L		94	75 - 125
Boron	0.19		1.25	1.29		mg/L		89	75 - 125
Cadmium	<0.00022		0.500	0.545		mg/L		109	75 - 125
Calcium	36		25.0	62.2		mg/L		103	75 - 125
Chromium	0.0061		0.500	0.551		mg/L		109	75 - 125
Cobalt	<0.00026		0.500	0.512		mg/L		102	75 - 125
Copper	<0.0011		0.500	0.501		mg/L		100	75 - 125
Lead	<0.00017		0.500	0.551		mg/L		110	75 - 125
Nickel	0.0010		0.500	0.513		mg/L		102	75 - 125
Selenium	0.0058		1.00	1.08		mg/L		107	75 - 125
Silver	<0.00022		0.250	0.267		mg/L		107	75 - 125
Thallium	<0.00047		1.00	1.11		mg/L		111	75 - 125
Vanadium	0.0026		0.500	0.550		mg/L		110	75 - 125
Zinc	0.0034	J	0.250	0.242		mg/L		95	75 - 125
Sodium	13		25.0	36.6		mg/L		95	75 - 125
Potassium	1.2		25.0	26.9		mg/L		103	75 - 125
Magnesium	20		25.0	44.0		mg/L		95	75 - 125

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QC Sample Results

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

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

Lab Sample ID: 180-133869-5 MSD
Matrix: Water
Analysis Batch: 389213

Client Sample ID: GWC-5
Prep Type: Total Recoverable
Prep Batch: 388851

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
Antimony	<0.00051		0.250	0.260		mg/L		104	75 - 125	2	20
Arsenic	<0.00028		1.00	1.03		mg/L		103	75 - 125	0	20
Barium	0.038		1.00	1.15		mg/L		111	75 - 125	2	20
Beryllium	<0.00027		0.500	0.507		mg/L		101	75 - 125	7	20
Boron	0.19		1.25	1.43		mg/L		99	75 - 125	10	20
Cadmium	<0.00022		0.500	0.562		mg/L		112	75 - 125	3	20
Calcium	36		25.0	61.1		mg/L		99	75 - 125	2	20
Chromium	0.0061		0.500	0.543		mg/L		107	75 - 125	2	20
Cobalt	<0.00026		0.500	0.507		mg/L		101	75 - 125	1	20
Copper	<0.0011		0.500	0.495		mg/L		99	75 - 125	1	20
Lead	<0.00017		0.500	0.539		mg/L		108	75 - 125	2	20
Nickel	0.0010		0.500	0.511		mg/L		102	75 - 125	0	20
Selenium	0.0058		1.00	1.07		mg/L		107	75 - 125	1	20
Silver	<0.00022		0.250	0.265		mg/L		106	75 - 125	0	20
Thallium	<0.00047		1.00	1.08		mg/L		108	75 - 125	3	20
Vanadium	0.0026		0.500	0.553		mg/L		110	75 - 125	0	20
Zinc	0.0034	J	0.250	0.242		mg/L		95	75 - 125	0	20
Sodium	13		25.0	36.8		mg/L		96	75 - 125	1	20
Potassium	1.2		25.0	27.0		mg/L		103	75 - 125	0	20
Magnesium	20		25.0	42.8		mg/L		90	75 - 125	3	20

Lab Sample ID: MB 180-389538/1-A
Matrix: Water
Analysis Batch: 389850

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 389538

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Antimony	<0.00051		0.0020	0.00051	mg/L		02/25/22 07:59	02/26/22 09:11	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		02/25/22 07:59	02/26/22 09:11	1
Barium	<0.0031		0.010	0.0031	mg/L		02/25/22 07:59	02/26/22 09:11	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		02/25/22 07:59	02/26/22 09:11	1
Boron	<0.060		0.080	0.060	mg/L		02/25/22 07:59	02/26/22 09:11	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		02/25/22 07:59	02/26/22 09:11	1
Calcium	<0.13		0.50	0.13	mg/L		02/25/22 07:59	02/26/22 09:11	1
Chromium	<0.0015		0.0020	0.0015	mg/L		02/25/22 07:59	02/26/22 09:11	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		02/25/22 07:59	02/26/22 09:11	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/25/22 07:59	02/26/22 09:11	1
Lead	<0.00017		0.0010	0.00017	mg/L		02/25/22 07:59	02/26/22 09:11	1
Nickel	<0.00052		0.0010	0.00052	mg/L		02/25/22 07:59	02/26/22 09:11	1
Selenium	<0.00074		0.0050	0.00074	mg/L		02/25/22 07:59	02/26/22 09:11	1
Silver	<0.00022		0.0010	0.00022	mg/L		02/25/22 07:59	02/26/22 09:11	1
Thallium	<0.00047		0.0010	0.00047	mg/L		02/25/22 07:59	02/26/22 09:11	1
Vanadium	<0.00078		0.0010	0.00078	mg/L		02/25/22 07:59	02/26/22 09:11	1
Zinc	<0.0029		0.0050	0.0029	mg/L		02/25/22 07:59	02/26/22 09:11	1
Sodium	<0.18		0.50	0.18	mg/L		02/25/22 07:59	02/26/22 09:11	1
Potassium	<0.16		0.50	0.16	mg/L		02/25/22 07:59	02/26/22 09:11	1
Magnesium	<0.050		0.50	0.050	mg/L		02/25/22 07:59	02/26/22 09:11	1

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QC Sample Results

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

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

Lab Sample ID: LCS 180-389538/2-A
Matrix: Water
Analysis Batch: 389850

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 389538

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	0.250	0.242		mg/L		97	80 - 120
Arsenic	1.00	0.948		mg/L		95	80 - 120
Barium	1.00	0.957		mg/L		96	80 - 120
Beryllium	0.500	0.498		mg/L		100	80 - 120
Boron	1.25	1.12		mg/L		89	80 - 120
Cadmium	0.500	0.480		mg/L		96	80 - 120
Calcium	25.0	25.7		mg/L		103	80 - 120
Chromium	0.500	0.478		mg/L		96	80 - 120
Cobalt	0.500	0.477		mg/L		95	80 - 120
Copper	0.500	0.462		mg/L		92	80 - 120
Lead	0.500	0.488		mg/L		98	80 - 120
Nickel	0.500	0.479		mg/L		96	80 - 120
Selenium	1.00	0.954		mg/L		95	80 - 120
Silver	0.250	0.240		mg/L		96	80 - 120
Thallium	1.00	0.971		mg/L		97	80 - 120
Vanadium	0.500	0.478		mg/L		96	80 - 120
Zinc	0.250	0.242		mg/L		97	80 - 120
Sodium	25.0	24.9		mg/L		100	80 - 120
Potassium	25.0	24.6		mg/L		98	80 - 120
Magnesium	25.0	24.4		mg/L		98	80 - 120

Lab Sample ID: 180-134138-E-1-B MS
Matrix: Water
Analysis Batch: 389850

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 389538

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	<0.00051		0.250	0.247		mg/L		99	75 - 125
Arsenic	0.00060	J	1.00	0.934		mg/L		93	75 - 125
Barium	0.024		1.00	1.00		mg/L		98	75 - 125
Beryllium	<0.00027		0.500	0.479		mg/L		96	75 - 125
Boron	1.3		1.25	2.28		mg/L		80	75 - 125
Cadmium	<0.00022		0.500	0.476		mg/L		95	75 - 125
Calcium	340		25.0	366	4	mg/L		118	75 - 125
Chromium	<0.0015		0.500	0.480		mg/L		96	75 - 125
Cobalt	0.021		0.500	0.488		mg/L		93	75 - 125
Copper	<0.0011		0.500	0.453		mg/L		91	75 - 125
Lead	<0.00017		0.500	0.479		mg/L		96	75 - 125
Nickel	0.0064		0.500	0.471		mg/L		93	75 - 125
Selenium	<0.00074		1.00	0.927		mg/L		93	75 - 125
Silver	<0.00022		0.250	0.239		mg/L		95	75 - 125
Thallium	<0.00047		1.00	0.962		mg/L		96	75 - 125
Vanadium	<0.00078		0.500	0.484		mg/L		97	75 - 125
Zinc	0.0090		0.250	0.238		mg/L		91	75 - 125
Sodium	9.5		25.0	32.8		mg/L		93	75 - 125
Potassium	11		25.0	34.6		mg/L		95	75 - 125
Magnesium	58		25.0	81.3		mg/L		91	75 - 125

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QC Sample Results

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

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

Lab Sample ID: 180-134138-E-1-C MSD
Matrix: Water
Analysis Batch: 389850

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 389538

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
Antimony	<0.00051		0.250	0.244		mg/L		98	75 - 125	1	20
Arsenic	0.00060	J	1.00	0.998		mg/L		100	75 - 125	7	20
Barium	0.024		1.00	1.03		mg/L		101	75 - 125	3	20
Beryllium	<0.00027		0.500	0.514		mg/L		103	75 - 125	7	20
Boron	1.3		1.25	2.30		mg/L		82	75 - 125	1	20
Cadmium	<0.00022		0.500	0.504		mg/L		101	75 - 125	6	20
Calcium	340		25.0	371	4	mg/L		137	75 - 125	1	20
Chromium	<0.0015		0.500	0.511		mg/L		102	75 - 125	6	20
Cobalt	0.021		0.500	0.514		mg/L		99	75 - 125	5	20
Copper	<0.0011		0.500	0.479		mg/L		96	75 - 125	6	20
Lead	<0.00017		0.500	0.505		mg/L		101	75 - 125	5	20
Nickel	0.0064		0.500	0.498		mg/L		98	75 - 125	6	20
Selenium	<0.00074		1.00	0.978		mg/L		98	75 - 125	5	20
Silver	<0.00022		0.250	0.241		mg/L		96	75 - 125	1	20
Thallium	<0.00047		1.00	1.01		mg/L		101	75 - 125	5	20
Vanadium	<0.00078		0.500	0.512		mg/L		102	75 - 125	6	20
Zinc	0.0090		0.250	0.242		mg/L		93	75 - 125	2	20
Sodium	9.5		25.0	34.1		mg/L		98	75 - 125	4	20
Potassium	11		25.0	35.8		mg/L		100	75 - 125	3	20
Magnesium	58		25.0	82.3		mg/L		95	75 - 125	1	20

Lab Sample ID: MB 180-389665/1-A
Matrix: Water
Analysis Batch: 390021

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 389665

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Antimony	<0.00051		0.0020	0.00051	mg/L		02/26/22 08:56	03/01/22 20:51	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		02/26/22 08:56	03/01/22 20:51	1
Barium	<0.0031		0.010	0.0031	mg/L		02/26/22 08:56	03/01/22 20:51	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		02/26/22 08:56	03/01/22 20:51	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		02/26/22 08:56	03/01/22 20:51	1
Calcium	<0.13		0.50	0.13	mg/L		02/26/22 08:56	03/01/22 20:51	1
Chromium	<0.0015		0.0020	0.0015	mg/L		02/26/22 08:56	03/01/22 20:51	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		02/26/22 08:56	03/01/22 20:51	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/26/22 08:56	03/01/22 20:51	1
Lead	<0.00017		0.0010	0.00017	mg/L		02/26/22 08:56	03/01/22 20:51	1
Nickel	<0.00052		0.0010	0.00052	mg/L		02/26/22 08:56	03/01/22 20:51	1
Selenium	<0.00074		0.0050	0.00074	mg/L		02/26/22 08:56	03/01/22 20:51	1
Silver	<0.00022		0.0010	0.00022	mg/L		02/26/22 08:56	03/01/22 20:51	1
Thallium	<0.00047		0.0010	0.00047	mg/L		02/26/22 08:56	03/01/22 20:51	1
Vanadium	<0.00078		0.0010	0.00078	mg/L		02/26/22 08:56	03/01/22 20:51	1
Zinc	<0.0029		0.0050	0.0029	mg/L		02/26/22 08:56	03/01/22 20:51	1
Sodium	0.194	J	0.50	0.18	mg/L		02/26/22 08:56	03/01/22 20:51	1
Potassium	<0.16		0.50	0.16	mg/L		02/26/22 08:56	03/01/22 20:51	1
Magnesium	<0.050		0.50	0.050	mg/L		02/26/22 08:56	03/01/22 20:51	1

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QC Sample Results

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

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

Lab Sample ID: LCS 180-389665/2-A
Matrix: Water
Analysis Batch: 390021

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 389665

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Antimony	0.250	0.261		mg/L		105	80 - 120
Arsenic	1.00	0.926		mg/L		93	80 - 120
Barium	1.00	0.997		mg/L		100	80 - 120
Beryllium	0.500	0.480		mg/L		96	80 - 120
Cadmium	0.500	0.486		mg/L		97	80 - 120
Calcium	25.0	24.8		mg/L		99	80 - 120
Chromium	0.500	0.505		mg/L		101	80 - 120
Cobalt	0.500	0.470		mg/L		94	80 - 120
Copper	0.500	0.460		mg/L		92	80 - 120
Lead	0.500	0.499		mg/L		100	80 - 120
Nickel	0.500	0.470		mg/L		94	80 - 120
Selenium	1.00	0.993		mg/L		99	80 - 120
Silver	0.250	0.257		mg/L		103	80 - 120
Thallium	1.00	1.03		mg/L		103	80 - 120
Vanadium	0.500	0.505		mg/L		101	80 - 120
Zinc	0.250	0.246		mg/L		98	80 - 120
Sodium	25.0	23.3		mg/L		93	80 - 120
Potassium	25.0	24.9		mg/L		99	80 - 120
Magnesium	25.0	25.5		mg/L		102	80 - 120

Lab Sample ID: 180-134242-C-3-B MS
Matrix: Water
Analysis Batch: 390021

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 389665

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Antimony	<0.00051		0.250	0.262		mg/L		105	75 - 125
Arsenic	0.0032		1.00	0.939		mg/L		94	75 - 125
Barium	0.074		1.00	1.11		mg/L		104	75 - 125
Beryllium	<0.00027		0.500	0.492		mg/L		98	75 - 125
Cadmium	<0.00022		0.500	0.501		mg/L		100	75 - 125
Calcium	58		25.0	83.5		mg/L		103	75 - 125
Chromium	<0.0015		0.500	0.519		mg/L		104	75 - 125
Cobalt	0.0012	J	0.500	0.476		mg/L		95	75 - 125
Copper	0.0020		0.500	0.469		mg/L		93	75 - 125
Lead	0.00034	J	0.500	0.516		mg/L		103	75 - 125
Nickel	0.0020		0.500	0.475		mg/L		95	75 - 125
Selenium	<0.00074		1.00	1.02		mg/L		102	75 - 125
Silver	<0.00022		0.250	0.254		mg/L		102	75 - 125
Thallium	<0.00047		1.00	1.08		mg/L		108	75 - 125
Vanadium	0.0034		0.500	0.523		mg/L		104	75 - 125
Zinc	0.011		0.250	0.247		mg/L		95	75 - 125
Sodium	30	B	25.0	53.3		mg/L		94	75 - 125
Potassium	1.6		25.0	26.7		mg/L		101	75 - 125
Magnesium	3.9		25.0	29.9		mg/L		104	75 - 125

QC Sample Results

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

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

Lab Sample ID: 180-134242-C-3-C MSD
Matrix: Water
Analysis Batch: 390021

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 389665

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
Antimony	<0.00051		0.250	0.270		mg/L		108	75 - 125	3	20
Arsenic	0.0032		1.00	0.969		mg/L		97	75 - 125	3	20
Barium	0.074		1.00	1.13		mg/L		106	75 - 125	2	20
Beryllium	<0.00027		0.500	0.497		mg/L		99	75 - 125	1	20
Cadmium	<0.00022		0.500	0.505		mg/L		101	75 - 125	1	20
Calcium	58		25.0	85.3		mg/L		110	75 - 125	2	20
Chromium	<0.0015		0.500	0.525		mg/L		105	75 - 125	1	20
Cobalt	0.0012	J	0.500	0.487		mg/L		97	75 - 125	2	20
Copper	0.0020		0.500	0.482		mg/L		96	75 - 125	3	20
Lead	0.00034	J	0.500	0.521		mg/L		104	75 - 125	1	20
Nickel	0.0020		0.500	0.489		mg/L		97	75 - 125	3	20
Selenium	<0.00074		1.00	1.03		mg/L		103	75 - 125	0	20
Silver	<0.00022		0.250	0.265		mg/L		106	75 - 125	4	20
Thallium	<0.00047		1.00	1.10		mg/L		110	75 - 125	2	20
Vanadium	0.0034		0.500	0.527		mg/L		105	75 - 125	1	20
Zinc	0.011		0.250	0.261		mg/L		100	75 - 125	5	20
Sodium	30	B	25.0	53.7		mg/L		96	75 - 125	1	20
Potassium	1.6		25.0	27.3		mg/L		103	75 - 125	2	20
Magnesium	3.9		25.0	30.6		mg/L		107	75 - 125	2	20

Method: EPA 7470A - Mercury (CVAA)

Lab Sample ID: MB 180-389781/1-A
Matrix: Water
Analysis Batch: 390002

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 389781

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Mercury	<0.00013		0.00020	0.00013	mg/L		02/28/22 11:33	03/01/22 19:06	1

Lab Sample ID: LCS 180-389781/2-A
Matrix: Water
Analysis Batch: 390002

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 389781

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec.
							Limits
Mercury	0.00250	0.00247		mg/L		99	80 - 120

Lab Sample ID: 180-133869-1 MS
Matrix: Water
Analysis Batch: 390002

Client Sample ID: GWC-1
Prep Type: Total/NA
Prep Batch: 389781

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.
	Result	Qualifier	Added	Result	Qualifier				Limits
Mercury	<0.00013		0.00100	0.000985		mg/L		99	75 - 125

Lab Sample ID: 180-133869-1 MSD
Matrix: Water
Analysis Batch: 390002

Client Sample ID: GWC-1
Prep Type: Total/NA
Prep Batch: 389781

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
Mercury	<0.00013		0.00100	0.000977		mg/L		98	75 - 125	1	20

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QC Sample Results

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

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

Lab Sample ID: MB 180-389940/1-A
Matrix: Water
Analysis Batch: 390002

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 389940

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		03/01/22 13:20	03/01/22 19:35	1

Lab Sample ID: LCS 180-389940/2-A
Matrix: Water
Analysis Batch: 390002

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 389940

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: 180-134011-B-1-C MS
Matrix: Water
Analysis Batch: 390002

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 389940

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	<0.00013		0.00100	0.000859		mg/L		86	75 - 125

Lab Sample ID: 180-134011-B-1-D MSD
Matrix: Water
Analysis Batch: 390002

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 389940

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	<0.00013		0.00100	0.000827		mg/L		83	75 - 125	4	20

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 180-388814/2
Matrix: Water
Analysis Batch: 388814

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			02/18/22 15:20	1

Lab Sample ID: LCS 180-388814/1
Matrix: Water
Analysis Batch: 388814

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	469	422		mg/L		90	85 - 115

Lab Sample ID: 180-133727-C-1 DU
Matrix: Water
Analysis Batch: 388814

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	270		274		mg/L		0.4	10

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QC Sample Results

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

Method: SM 2540C - Solids, Total Dissolved (TDS) (Continued)

Lab Sample ID: MB 180-388829/2
Matrix: Water
Analysis Batch: 388829

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			02/18/22 18:15	1

Lab Sample ID: LCS 180-388829/1
Matrix: Water
Analysis Batch: 388829

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	469	436		mg/L		93	85 - 115

Lab Sample ID: 180-133869-4 DU
Matrix: Water
Analysis Batch: 388829

Client Sample ID: GWC-4
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	140		139		mg/L		2	10

Lab Sample ID: 180-133869-13 DU
Matrix: Water
Analysis Batch: 388829

Client Sample ID: GWA-17
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	79		74.0		mg/L		7	10

Lab Sample ID: MB 180-389176/2
Matrix: Water
Analysis Batch: 389176

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			02/22/22 17:21	1

Lab Sample ID: LCS 180-389176/1
Matrix: Water
Analysis Batch: 389176

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	469	454		mg/L		97	85 - 115

Lab Sample ID: 180-134015-D-2 DU
Matrix: Water
Analysis Batch: 389176

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	390		390		mg/L		0.5	10

Lab Sample ID: MB 180-389182/2
Matrix: Water
Analysis Batch: 389182

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			02/22/22 17:41	1

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QC Sample Results

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: LCS 180-389182/1
Matrix: Water
Analysis Batch: 389182

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	469	432		mg/L		92	85 - 115

Lab Sample ID: 180-133982-A-6 DU
Matrix: Water
Analysis Batch: 389182

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	66		65.0		mg/L		2	10

Lab Sample ID: MB 180-389184/2
Matrix: Water
Analysis Batch: 389184

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			02/22/22 17:45	1

Lab Sample ID: LCS 180-389184/1
Matrix: Water
Analysis Batch: 389184

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	469	452		mg/L		96	85 - 115

Lab Sample ID: 180-133984-8 DU
Matrix: Water
Analysis Batch: 389184

Client Sample ID: DUP-7
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	120		125		mg/L		4	10

Method: SM2320 B - Alkalinity, Total

Lab Sample ID: MB 180-389234/30
Matrix: Water
Analysis Batch: 389234

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	<5.0		5.0	5.0	mg/L			02/22/22 18:58	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/22/22 18:58	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/22/22 18:58	1

Lab Sample ID: MB 180-389234/54
Matrix: Water
Analysis Batch: 389234

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	<5.0		5.0	5.0	mg/L			02/22/22 21:33	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/22/22 21:33	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/22/22 21:33	1

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QC Sample Results

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

Method: SM2320 B - Alkalinity, Total (Continued)

Lab Sample ID: MB 180-389234/78
Matrix: Water
Analysis Batch: 389234

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	<5.0		5.0	5.0	mg/L			02/23/22 00:23	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/23/22 00:23	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/23/22 00:23	1

Lab Sample ID: LCS 180-389234/53
Matrix: Water
Analysis Batch: 389234

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	265	244		mg/L		92	90 - 110

Lab Sample ID: LCS 180-389234/77
Matrix: Water
Analysis Batch: 389234

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	265	240		mg/L		91	90 - 110

Lab Sample ID: LLCS 180-389234/52
Matrix: Water
Analysis Batch: 389234

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

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Alkalinity as CaCO3 to pH 4.5	15.9	13.6		mg/L		85	75 - 125

Lab Sample ID: LLCS 180-389234/76
Matrix: Water
Analysis Batch: 389234

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

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Alkalinity as CaCO3 to pH 4.5	15.9	13.9		mg/L		87	75 - 125

Lab Sample ID: 180-133869-3 DU
Matrix: Water
Analysis Batch: 389234

Client Sample ID: GWC-3
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	38		39.4		mg/L		3	20
Bicarbonate Alkalinity as CaCO3	38		39.4		mg/L		3	20
Carbonate Alkalinity as CaCO3	<5.0		<5.0		mg/L		NC	20

QC Sample Results

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

Method: SM2320 B - Alkalinity, Total (Continued)

Lab Sample ID: 180-133869-11 DU
Matrix: Water
Analysis Batch: 389234

Client Sample ID: GWA-15
Prep Type: Total/NA

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	Limit
	Result	Qualifier	Result	Qualifier				
Total Alkalinity as CaCO3 to pH 4.5	21		20.3		mg/L		2	20
Bicarbonate Alkalinity as CaCO3	21		20.3		mg/L		2	20
Carbonate Alkalinity as CaCO3	<5.0		<5.0		mg/L		NC	20

Lab Sample ID: 180-133869-17 DU
Matrix: Water
Analysis Batch: 389234

Client Sample ID: EB-7
Prep Type: Total/NA

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	Limit
	Result	Qualifier	Result	Qualifier				
Total Alkalinity as CaCO3 to pH 4.5	<5.0		<5.0		mg/L		NC	20
Bicarbonate Alkalinity as CaCO3	<5.0		<5.0		mg/L		NC	20
Carbonate Alkalinity as CaCO3	<5.0		<5.0		mg/L		NC	20

Lab Sample ID: MB 180-389552/30
Matrix: Water
Analysis Batch: 389552

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

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Total Alkalinity as CaCO3 to pH 4.5	<5.0		5.0	5.0	mg/L			02/24/22 20:35	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/24/22 20:35	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/24/22 20:35	1

Lab Sample ID: MB 180-389552/54
Matrix: Water
Analysis Batch: 389552

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

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Total Alkalinity as CaCO3 to pH 4.5	<5.0		5.0	5.0	mg/L			02/24/22 23:34	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/24/22 23:34	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/24/22 23:34	1

Lab Sample ID: MB 180-389552/6
Matrix: Water
Analysis Batch: 389552

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

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Total Alkalinity as CaCO3 to pH 4.5	<5.0		5.0	5.0	mg/L			02/24/22 17:45	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/24/22 17:45	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/24/22 17:45	1

Lab Sample ID: MB 180-389552/78
Matrix: Water
Analysis Batch: 389552

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

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Total Alkalinity as CaCO3 to pH 4.5	<5.0		5.0	5.0	mg/L			02/25/22 02:29	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/25/22 02:29	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/25/22 02:29	1

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QC Sample Results

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

Method: SM2320 B - Alkalinity, Total (Continued)

Lab Sample ID: LCS 180-389552/29
Matrix: Water
Analysis Batch: 389552

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	265	242		mg/L		92	90 - 110

Lab Sample ID: LCS 180-389552/5
Matrix: Water
Analysis Batch: 389552

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	265	240		mg/L		91	90 - 110

Lab Sample ID: LCS 180-389552/53
Matrix: Water
Analysis Batch: 389552

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	265	247		mg/L		93	90 - 110

Lab Sample ID: LCS 180-389552/77
Matrix: Water
Analysis Batch: 389552

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	265	245		mg/L		92	90 - 110

Lab Sample ID: LLCS 180-389552/28
Matrix: Water
Analysis Batch: 389552

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

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Alkalinity as CaCO3 to pH 4.5	15.9	13.6		mg/L		86	75 - 125

Lab Sample ID: LLCS 180-389552/4
Matrix: Water
Analysis Batch: 389552

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

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Alkalinity as CaCO3 to pH 4.5	15.9	14.1		mg/L		89	75 - 125

Lab Sample ID: LLCS 180-389552/52
Matrix: Water
Analysis Batch: 389552

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

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Alkalinity as CaCO3 to pH 4.5	15.9	13.7		mg/L		86	75 - 125

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QC Sample Results

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

Method: SM2320 B - Alkalinity, Total (Continued)

Lab Sample ID: LLCS 180-389552/76
Matrix: Water
Analysis Batch: 389552

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

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Alkalinity as CaCO3 to pH 4.5	15.9	14.1		mg/L		88	75 - 125

Lab Sample ID: 180-133984-2 DU
Matrix: Water
Analysis Batch: 389552

Client Sample ID: GWC-12
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	9.8		9.36		mg/L		4	20
Bicarbonate Alkalinity as CaCO3	9.8		9.36		mg/L		4	20
Carbonate Alkalinity as CaCO3	<5.0		<5.0		mg/L		NC	20

Lab Sample ID: 180-133984-3 DU
Matrix: Water
Analysis Batch: 389552

Client Sample ID: GWC-13
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	47		48.4		mg/L		2	20
Bicarbonate Alkalinity as CaCO3	47		48.4		mg/L		2	20
Carbonate Alkalinity as CaCO3	<5.0		<5.0		mg/L		NC	20

Lab Sample ID: 180-133984-6 DU
Matrix: Water
Analysis Batch: 389552

Client Sample ID: 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	93		92.0		mg/L		1	20
Bicarbonate Alkalinity as CaCO3	93		92.0		mg/L		1	20
Carbonate Alkalinity as CaCO3	<5.0		<5.0		mg/L		NC	20

Lab Sample ID: MB 180-389884/30
Matrix: Water
Analysis Batch: 389884

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	<5.0		5.0	5.0	mg/L			02/26/22 14:54	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/26/22 14:54	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/26/22 14:54	1

Lab Sample ID: MB 180-389884/54
Matrix: Water
Analysis Batch: 389884

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	<5.0		5.0	5.0	mg/L			02/26/22 17:46	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/26/22 17:46	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/26/22 17:46	1

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QC Sample Results

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

Method: SM2320 B - Alkalinity, Total (Continued)

Lab Sample ID: LCS 180-389884/53
Matrix: Water
Analysis Batch: 389884

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	265	250		mg/L		94	90 - 110

Lab Sample ID: LLCS 180-389884/52
Matrix: Water
Analysis Batch: 389884

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

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Alkalinity as CaCO3 to pH 4.5	15.9	14.4		mg/L		91	75 - 125

Lab Sample ID: 180-134251-C-6 DU
Matrix: Water
Analysis Batch: 389884

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	32		31.9		mg/L		0.8	20
Bicarbonate Alkalinity as CaCO3	32		31.9		mg/L		0.8	20
Carbonate Alkalinity as CaCO3	<5.0		<5.0		mg/L		NC	20

QC Association Summary

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

HPLC/IC

Analysis Batch: 388878

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133869-1	GWC-1	Total/NA	Water	EPA 300.0 R2.1	
180-133869-2	GWC-2	Total/NA	Water	EPA 300.0 R2.1	
180-133869-3	GWC-3	Total/NA	Water	EPA 300.0 R2.1	
180-133869-4	GWC-4	Total/NA	Water	EPA 300.0 R2.1	
180-133869-5	GWC-5	Total/NA	Water	EPA 300.0 R2.1	
180-133869-6	GWC-6	Total/NA	Water	EPA 300.0 R2.1	
180-133869-7	GWC-7	Total/NA	Water	EPA 300.0 R2.1	
180-133869-8	GWC-8A	Total/NA	Water	EPA 300.0 R2.1	
180-133869-9	GWC-9	Total/NA	Water	EPA 300.0 R2.1	
180-133869-10	GWC-10	Total/NA	Water	EPA 300.0 R2.1	
180-133869-11	GWA-15	Total/NA	Water	EPA 300.0 R2.1	
180-133869-12	GWA-16	Total/NA	Water	EPA 300.0 R2.1	
180-133869-13	GWA-17	Total/NA	Water	EPA 300.0 R2.1	
180-133869-14	FB-6	Total/NA	Water	EPA 300.0 R2.1	
180-133869-15	FB-7	Total/NA	Water	EPA 300.0 R2.1	
180-133869-16	EB-6	Total/NA	Water	EPA 300.0 R2.1	
180-133869-17	EB-7	Total/NA	Water	EPA 300.0 R2.1	
180-133869-18	DUP-6	Total/NA	Water	EPA 300.0 R2.1	
MB 180-388878/41	Method Blank	Total/NA	Water	EPA 300.0 R2.1	
MB 180-388878/7	Method Blank	Total/NA	Water	EPA 300.0 R2.1	
LCS 180-388878/40	Lab Control Sample	Total/NA	Water	EPA 300.0 R2.1	
LCS 180-388878/6	Lab Control Sample	Total/NA	Water	EPA 300.0 R2.1	
180-133869-5 MS	GWC-5	Total/NA	Water	EPA 300.0 R2.1	
180-133869-5 MSD	GWC-5	Total/NA	Water	EPA 300.0 R2.1	
180-133869-15 MS	FB-7	Total/NA	Water	EPA 300.0 R2.1	
180-133869-15 MSD	FB-7	Total/NA	Water	EPA 300.0 R2.1	

Analysis Batch: 389765

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133984-1	GWC-11	Total/NA	Water	EPA 300.0 R2.1	
180-133984-2	GWC-12	Total/NA	Water	EPA 300.0 R2.1	
180-133984-3	GWC-13	Total/NA	Water	EPA 300.0 R2.1	
180-133984-4	GWC-14	Total/NA	Water	EPA 300.0 R2.1	
180-133984-5	GWC-18	Total/NA	Water	EPA 300.0 R2.1	
180-133984-6	GWC-19	Total/NA	Water	EPA 300.0 R2.1	
180-133984-7	GWC-20	Total/NA	Water	EPA 300.0 R2.1	
180-133984-8	DUP-7	Total/NA	Water	EPA 300.0 R2.1	
MB 180-389765/7	Method Blank	Total/NA	Water	EPA 300.0 R2.1	
LCS 180-389765/6	Lab Control Sample	Total/NA	Water	EPA 300.0 R2.1	
180-133984-1 MS	GWC-11	Total/NA	Water	EPA 300.0 R2.1	
180-133984-1 MSD	GWC-11	Total/NA	Water	EPA 300.0 R2.1	
180-134279-B-1 MS	Matrix Spike	Total/NA	Water	EPA 300.0 R2.1	
180-134279-B-1 MSD	Matrix Spike Duplicate	Total/NA	Water	EPA 300.0 R2.1	

Metals

Prep Batch: 388850

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133869-1	GWC-1	Total Recoverable	Water	3005A	
180-133869-2	GWC-2	Total Recoverable	Water	3005A	
180-133869-3	GWC-3	Total Recoverable	Water	3005A	

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QC Association Summary

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

Metals (Continued)

Prep Batch: 388850 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133869-4	GWC-4	Total Recoverable	Water	3005A	
MB 180-388850/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 180-388850/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
180-133727-B-1-A MS	Matrix Spike	Total Recoverable	Water	3005A	
180-133727-B-1-B MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Prep Batch: 388851

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133869-5	GWC-5	Total Recoverable	Water	3005A	
180-133869-6	GWC-6	Total Recoverable	Water	3005A	
180-133869-7	GWC-7	Total Recoverable	Water	3005A	
180-133869-8	GWC-8A	Total Recoverable	Water	3005A	
180-133869-9	GWC-9	Total Recoverable	Water	3005A	
180-133869-10	GWC-10	Total Recoverable	Water	3005A	
180-133869-11	GWA-15	Total Recoverable	Water	3005A	
180-133869-12	GWA-16	Total Recoverable	Water	3005A	
180-133869-13	GWA-17	Total Recoverable	Water	3005A	
180-133869-14	FB-6	Total Recoverable	Water	3005A	
180-133869-15	FB-7	Total Recoverable	Water	3005A	
180-133869-16	EB-6	Total Recoverable	Water	3005A	
180-133869-17	EB-7	Total Recoverable	Water	3005A	
180-133869-18	DUP-6	Total Recoverable	Water	3005A	
MB 180-388851/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 180-388851/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
180-133869-5 MS	GWC-5	Total Recoverable	Water	3005A	
180-133869-5 MSD	GWC-5	Total Recoverable	Water	3005A	

Analysis Batch: 389213

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133869-1	GWC-1	Total Recoverable	Water	EPA 6020B	388850
180-133869-2	GWC-2	Total Recoverable	Water	EPA 6020B	388850
180-133869-3	GWC-3	Total Recoverable	Water	EPA 6020B	388850
180-133869-4	GWC-4	Total Recoverable	Water	EPA 6020B	388850
180-133869-5	GWC-5	Total Recoverable	Water	EPA 6020B	388851
180-133869-6	GWC-6	Total Recoverable	Water	EPA 6020B	388851
180-133869-7	GWC-7	Total Recoverable	Water	EPA 6020B	388851
180-133869-8	GWC-8A	Total Recoverable	Water	EPA 6020B	388851
180-133869-9	GWC-9	Total Recoverable	Water	EPA 6020B	388851
180-133869-10	GWC-10	Total Recoverable	Water	EPA 6020B	388851
180-133869-11	GWA-15	Total Recoverable	Water	EPA 6020B	388851
180-133869-12	GWA-16	Total Recoverable	Water	EPA 6020B	388851
180-133869-13	GWA-17	Total Recoverable	Water	EPA 6020B	388851
180-133869-14	FB-6	Total Recoverable	Water	EPA 6020B	388851
180-133869-15	FB-7	Total Recoverable	Water	EPA 6020B	388851
180-133869-16	EB-6	Total Recoverable	Water	EPA 6020B	388851
180-133869-17	EB-7	Total Recoverable	Water	EPA 6020B	388851
180-133869-18	DUP-6	Total Recoverable	Water	EPA 6020B	388851
MB 180-388850/1-A	Method Blank	Total Recoverable	Water	EPA 6020B	388850
MB 180-388851/1-A	Method Blank	Total Recoverable	Water	EPA 6020B	388851
LCS 180-388850/2-A	Lab Control Sample	Total Recoverable	Water	EPA 6020B	388850
LCS 180-388851/2-A	Lab Control Sample	Total Recoverable	Water	EPA 6020B	388851

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QC Association Summary

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

Metals (Continued)

Analysis Batch: 389213 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133727-B-1-A MS	Matrix Spike	Total Recoverable	Water	EPA 6020B	388850
180-133727-B-1-B MSD	Matrix Spike Duplicate	Total Recoverable	Water	EPA 6020B	388850
180-133869-5 MS	GWC-5	Total Recoverable	Water	EPA 6020B	388851
180-133869-5 MSD	GWC-5	Total Recoverable	Water	EPA 6020B	388851

Prep Batch: 389538

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133984-1	GWC-11	Total Recoverable	Water	3005A	
180-133984-2	GWC-12	Total Recoverable	Water	3005A	
180-133984-3	GWC-13	Total Recoverable	Water	3005A	
180-133984-4	GWC-14	Total Recoverable	Water	3005A	
180-133984-5	GWC-18	Total Recoverable	Water	3005A	
180-133984-6	GWC-19	Total Recoverable	Water	3005A	
180-133984-7	GWC-20	Total Recoverable	Water	3005A	
180-133984-8	DUP-7	Total Recoverable	Water	3005A	
MB 180-389538/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 180-389538/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
180-134138-E-1-B MS	Matrix Spike	Total Recoverable	Water	3005A	
180-134138-E-1-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Prep Batch: 389665

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133869-16	EB-6	Total Recoverable	Water	3005A	
MB 180-389665/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 180-389665/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
180-134242-C-3-B MS	Matrix Spike	Total Recoverable	Water	3005A	
180-134242-C-3-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Prep Batch: 389781

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133869-1	GWC-1	Total/NA	Water	7470A	
180-133869-2	GWC-2	Total/NA	Water	7470A	
180-133869-3	GWC-3	Total/NA	Water	7470A	
180-133869-4	GWC-4	Total/NA	Water	7470A	
180-133869-5	GWC-5	Total/NA	Water	7470A	
180-133869-6	GWC-6	Total/NA	Water	7470A	
180-133869-7	GWC-7	Total/NA	Water	7470A	
180-133869-8	GWC-8A	Total/NA	Water	7470A	
180-133869-9	GWC-9	Total/NA	Water	7470A	
180-133869-10	GWC-10	Total/NA	Water	7470A	
180-133869-11	GWA-15	Total/NA	Water	7470A	
180-133869-12	GWA-16	Total/NA	Water	7470A	
180-133869-13	GWA-17	Total/NA	Water	7470A	
180-133869-14	FB-6	Total/NA	Water	7470A	
180-133869-15	FB-7	Total/NA	Water	7470A	
180-133869-16	EB-6	Total/NA	Water	7470A	
180-133869-17	EB-7	Total/NA	Water	7470A	
180-133869-18	DUP-6	Total/NA	Water	7470A	
MB 180-389781/1-A	Method Blank	Total/NA	Water	7470A	
LCS 180-389781/2-A	Lab Control Sample	Total/NA	Water	7470A	
180-133869-1 MS	GWC-1	Total/NA	Water	7470A	

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QC Association Summary

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

Metals (Continued)

Prep Batch: 389781 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133869-1 MSD	GWC-1	Total/NA	Water	7470A	

Analysis Batch: 389850

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133984-1	GWC-11	Total Recoverable	Water	EPA 6020B	389538
180-133984-2	GWC-12	Total Recoverable	Water	EPA 6020B	389538
180-133984-3	GWC-13	Total Recoverable	Water	EPA 6020B	389538
180-133984-4	GWC-14	Total Recoverable	Water	EPA 6020B	389538
180-133984-5	GWC-18	Total Recoverable	Water	EPA 6020B	389538
180-133984-6	GWC-19	Total Recoverable	Water	EPA 6020B	389538
180-133984-7	GWC-20	Total Recoverable	Water	EPA 6020B	389538
180-133984-8	DUP-7	Total Recoverable	Water	EPA 6020B	389538
MB 180-389538/1-A	Method Blank	Total Recoverable	Water	EPA 6020B	389538
LCS 180-389538/2-A	Lab Control Sample	Total Recoverable	Water	EPA 6020B	389538
180-134138-E-1-B MS	Matrix Spike	Total Recoverable	Water	EPA 6020B	389538
180-134138-E-1-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	EPA 6020B	389538

Prep Batch: 389940

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133984-1	GWC-11	Total/NA	Water	7470A	
180-133984-2	GWC-12	Total/NA	Water	7470A	
180-133984-3	GWC-13	Total/NA	Water	7470A	
180-133984-4	GWC-14	Total/NA	Water	7470A	
180-133984-5	GWC-18	Total/NA	Water	7470A	
180-133984-6	GWC-19	Total/NA	Water	7470A	
180-133984-7	GWC-20	Total/NA	Water	7470A	
180-133984-8	DUP-7	Total/NA	Water	7470A	
MB 180-389940/1-A	Method Blank	Total/NA	Water	7470A	
LCS 180-389940/2-A	Lab Control Sample	Total/NA	Water	7470A	
180-134011-B-1-C MS	Matrix Spike	Total/NA	Water	7470A	
180-134011-B-1-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Analysis Batch: 390002

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133869-1	GWC-1	Total/NA	Water	EPA 7470A	389781
180-133869-2	GWC-2	Total/NA	Water	EPA 7470A	389781
180-133869-3	GWC-3	Total/NA	Water	EPA 7470A	389781
180-133869-4	GWC-4	Total/NA	Water	EPA 7470A	389781
180-133869-5	GWC-5	Total/NA	Water	EPA 7470A	389781
180-133869-6	GWC-6	Total/NA	Water	EPA 7470A	389781
180-133869-7	GWC-7	Total/NA	Water	EPA 7470A	389781
180-133869-8	GWC-8A	Total/NA	Water	EPA 7470A	389781
180-133869-9	GWC-9	Total/NA	Water	EPA 7470A	389781
180-133869-10	GWC-10	Total/NA	Water	EPA 7470A	389781
180-133869-11	GWA-15	Total/NA	Water	EPA 7470A	389781
180-133869-12	GWA-16	Total/NA	Water	EPA 7470A	389781
180-133869-13	GWA-17	Total/NA	Water	EPA 7470A	389781
180-133869-14	FB-6	Total/NA	Water	EPA 7470A	389781
180-133869-15	FB-7	Total/NA	Water	EPA 7470A	389781
180-133869-16	EB-6	Total/NA	Water	EPA 7470A	389781
180-133869-17	EB-7	Total/NA	Water	EPA 7470A	389781

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QC Association Summary

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

Metals (Continued)

Analysis Batch: 390002 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133869-18	DUP-6	Total/NA	Water	EPA 7470A	389781
180-133984-1	GWC-11	Total/NA	Water	EPA 7470A	389940
180-133984-2	GWC-12	Total/NA	Water	EPA 7470A	389940
180-133984-3	GWC-13	Total/NA	Water	EPA 7470A	389940
180-133984-4	GWC-14	Total/NA	Water	EPA 7470A	389940
180-133984-5	GWC-18	Total/NA	Water	EPA 7470A	389940
180-133984-6	GWC-19	Total/NA	Water	EPA 7470A	389940
180-133984-7	GWC-20	Total/NA	Water	EPA 7470A	389940
180-133984-8	DUP-7	Total/NA	Water	EPA 7470A	389940
MB 180-389781/1-A	Method Blank	Total/NA	Water	EPA 7470A	389781
MB 180-389940/1-A	Method Blank	Total/NA	Water	EPA 7470A	389940
LCS 180-389781/2-A	Lab Control Sample	Total/NA	Water	EPA 7470A	389781
LCS 180-389940/2-A	Lab Control Sample	Total/NA	Water	EPA 7470A	389940
180-133869-1 MS	GWC-1	Total/NA	Water	EPA 7470A	389781
180-133869-1 MSD	GWC-1	Total/NA	Water	EPA 7470A	389781
180-134011-B-1-C MS	Matrix Spike	Total/NA	Water	EPA 7470A	389940
180-134011-B-1-D MSD	Matrix Spike Duplicate	Total/NA	Water	EPA 7470A	389940

Analysis Batch: 390021

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133869-16	EB-6	Total Recoverable	Water	EPA 6020B	389665
MB 180-389665/1-A	Method Blank	Total Recoverable	Water	EPA 6020B	389665
LCS 180-389665/2-A	Lab Control Sample	Total Recoverable	Water	EPA 6020B	389665
180-134242-C-3-B MS	Matrix Spike	Total Recoverable	Water	EPA 6020B	389665
180-134242-C-3-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	EPA 6020B	389665

General Chemistry

Analysis Batch: 388814

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133869-1	GWC-1	Total/NA	Water	SM 2540C	
180-133869-2	GWC-2	Total/NA	Water	SM 2540C	
MB 180-388814/2	Method Blank	Total/NA	Water	SM 2540C	
LCS 180-388814/1	Lab Control Sample	Total/NA	Water	SM 2540C	
180-133727-C-1 DU	Duplicate	Total/NA	Water	SM 2540C	

Analysis Batch: 388829

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133869-3	GWC-3	Total/NA	Water	SM 2540C	
180-133869-4	GWC-4	Total/NA	Water	SM 2540C	
180-133869-5	GWC-5	Total/NA	Water	SM 2540C	
180-133869-6	GWC-6	Total/NA	Water	SM 2540C	
180-133869-7	GWC-7	Total/NA	Water	SM 2540C	
180-133869-8	GWC-8A	Total/NA	Water	SM 2540C	
180-133869-9	GWC-9	Total/NA	Water	SM 2540C	
180-133869-10	GWC-10	Total/NA	Water	SM 2540C	
180-133869-11	GWA-15	Total/NA	Water	SM 2540C	
180-133869-12	GWA-16	Total/NA	Water	SM 2540C	
180-133869-13	GWA-17	Total/NA	Water	SM 2540C	
180-133869-14	FB-6	Total/NA	Water	SM 2540C	
180-133869-15	FB-7	Total/NA	Water	SM 2540C	

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QC Association Summary

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

General Chemistry (Continued)

Analysis Batch: 388829 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133869-16	EB-6	Total/NA	Water	SM 2540C	
180-133869-18	DUP-6	Total/NA	Water	SM 2540C	
MB 180-388829/2	Method Blank	Total/NA	Water	SM 2540C	
LCS 180-388829/1	Lab Control Sample	Total/NA	Water	SM 2540C	
180-133869-4 DU	GWC-4	Total/NA	Water	SM 2540C	
180-133869-13 DU	GWA-17	Total/NA	Water	SM 2540C	

Analysis Batch: 389176

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133869-17	EB-7	Total/NA	Water	SM 2540C	
MB 180-389176/2	Method Blank	Total/NA	Water	SM 2540C	
LCS 180-389176/1	Lab Control Sample	Total/NA	Water	SM 2540C	
180-134015-D-2 DU	Duplicate	Total/NA	Water	SM 2540C	

Analysis Batch: 389182

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133984-1	GWC-11	Total/NA	Water	SM 2540C	
180-133984-2	GWC-12	Total/NA	Water	SM 2540C	
180-133984-3	GWC-13	Total/NA	Water	SM 2540C	
180-133984-4	GWC-14	Total/NA	Water	SM 2540C	
180-133984-5	GWC-18	Total/NA	Water	SM 2540C	
180-133984-6	GWC-19	Total/NA	Water	SM 2540C	
MB 180-389182/2	Method Blank	Total/NA	Water	SM 2540C	
LCS 180-389182/1	Lab Control Sample	Total/NA	Water	SM 2540C	
180-133982-A-6 DU	Duplicate	Total/NA	Water	SM 2540C	

Analysis Batch: 389184

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133984-7	GWC-20	Total/NA	Water	SM 2540C	
180-133984-8	DUP-7	Total/NA	Water	SM 2540C	
MB 180-389184/2	Method Blank	Total/NA	Water	SM 2540C	
LCS 180-389184/1	Lab Control Sample	Total/NA	Water	SM 2540C	
180-133984-8 DU	DUP-7	Total/NA	Water	SM 2540C	

Analysis Batch: 389234

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133869-1	GWC-1	Total/NA	Water	SM2320 B	
180-133869-2	GWC-2	Total/NA	Water	SM2320 B	
180-133869-3	GWC-3	Total/NA	Water	SM2320 B	
180-133869-4	GWC-4	Total/NA	Water	SM2320 B	
180-133869-5	GWC-5	Total/NA	Water	SM2320 B	
180-133869-6	GWC-6	Total/NA	Water	SM2320 B	
180-133869-7	GWC-7	Total/NA	Water	SM2320 B	
180-133869-8	GWC-8A	Total/NA	Water	SM2320 B	
180-133869-9	GWC-9	Total/NA	Water	SM2320 B	
180-133869-10	GWC-10	Total/NA	Water	SM2320 B	
180-133869-11	GWA-15	Total/NA	Water	SM2320 B	
180-133869-12	GWA-16	Total/NA	Water	SM2320 B	
180-133869-13	GWA-17	Total/NA	Water	SM2320 B	
180-133869-14	FB-6	Total/NA	Water	SM2320 B	
180-133869-15	FB-7	Total/NA	Water	SM2320 B	

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QC Association Summary

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

General Chemistry (Continued)

Analysis Batch: 389234 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133869-16	EB-6	Total/NA	Water	SM2320 B	
180-133869-17	EB-7	Total/NA	Water	SM2320 B	
180-133869-18	DUP-6	Total/NA	Water	SM2320 B	
MB 180-389234/30	Method Blank	Total/NA	Water	SM2320 B	
MB 180-389234/54	Method Blank	Total/NA	Water	SM2320 B	
MB 180-389234/78	Method Blank	Total/NA	Water	SM2320 B	
LCS 180-389234/53	Lab Control Sample	Total/NA	Water	SM2320 B	
LCS 180-389234/77	Lab Control Sample	Total/NA	Water	SM2320 B	
LLCS 180-389234/52	Lab Control Sample	Total/NA	Water	SM2320 B	
LLCS 180-389234/76	Lab Control Sample	Total/NA	Water	SM2320 B	
180-133869-3 DU	GWC-3	Total/NA	Water	SM2320 B	
180-133869-11 DU	GWA-15	Total/NA	Water	SM2320 B	
180-133869-17 DU	EB-7	Total/NA	Water	SM2320 B	

Analysis Batch: 389552

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133984-2	GWC-12	Total/NA	Water	SM2320 B	
180-133984-3	GWC-13	Total/NA	Water	SM2320 B	
180-133984-4	GWC-14	Total/NA	Water	SM2320 B	
180-133984-5	GWC-18	Total/NA	Water	SM2320 B	
180-133984-6	GWC-19	Total/NA	Water	SM2320 B	
MB 180-389552/30	Method Blank	Total/NA	Water	SM2320 B	
MB 180-389552/54	Method Blank	Total/NA	Water	SM2320 B	
MB 180-389552/6	Method Blank	Total/NA	Water	SM2320 B	
MB 180-389552/78	Method Blank	Total/NA	Water	SM2320 B	
LCS 180-389552/29	Lab Control Sample	Total/NA	Water	SM2320 B	
LCS 180-389552/5	Lab Control Sample	Total/NA	Water	SM2320 B	
LCS 180-389552/53	Lab Control Sample	Total/NA	Water	SM2320 B	
LCS 180-389552/77	Lab Control Sample	Total/NA	Water	SM2320 B	
LLCS 180-389552/28	Lab Control Sample	Total/NA	Water	SM2320 B	
LLCS 180-389552/4	Lab Control Sample	Total/NA	Water	SM2320 B	
LLCS 180-389552/52	Lab Control Sample	Total/NA	Water	SM2320 B	
LLCS 180-389552/76	Lab Control Sample	Total/NA	Water	SM2320 B	
180-133984-2 DU	GWC-12	Total/NA	Water	SM2320 B	
180-133984-3 DU	GWC-13	Total/NA	Water	SM2320 B	
180-133984-6 DU	GWC-19	Total/NA	Water	SM2320 B	

Analysis Batch: 389884

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133984-1	GWC-11	Total/NA	Water	SM2320 B	
180-133984-7	GWC-20	Total/NA	Water	SM2320 B	
180-133984-8	DUP-7	Total/NA	Water	SM2320 B	
MB 180-389884/30	Method Blank	Total/NA	Water	SM2320 B	
MB 180-389884/54	Method Blank	Total/NA	Water	SM2320 B	
LCS 180-389884/53	Lab Control Sample	Total/NA	Water	SM2320 B	
LLCS 180-389884/52	Lab Control Sample	Total/NA	Water	SM2320 B	
180-134251-C-6 DU	Duplicate	Total/NA	Water	SM2320 B	

QC Association Summary

Client: Southern Company
Project/Site: Plant Scherer Cell 1

Job ID: 180-133869-1

Field Service / Mobile Lab

Analysis Batch: 389613

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133869-1	GWC-1	Total/NA	Water	Field Sampling	
180-133869-2	GWC-2	Total/NA	Water	Field Sampling	
180-133869-3	GWC-3	Total/NA	Water	Field Sampling	
180-133869-4	GWC-4	Total/NA	Water	Field Sampling	
180-133869-5	GWC-5	Total/NA	Water	Field Sampling	
180-133869-6	GWC-6	Total/NA	Water	Field Sampling	
180-133869-7	GWC-7	Total/NA	Water	Field Sampling	
180-133869-8	GWC-8A	Total/NA	Water	Field Sampling	
180-133869-9	GWC-9	Total/NA	Water	Field Sampling	
180-133869-10	GWC-10	Total/NA	Water	Field Sampling	
180-133869-11	GWA-15	Total/NA	Water	Field Sampling	
180-133869-12	GWA-16	Total/NA	Water	Field Sampling	
180-133869-13	GWA-17	Total/NA	Water	Field Sampling	

Analysis Batch: 389904

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133984-1	GWC-11	Total/NA	Water	Field Sampling	
180-133984-2	GWC-12	Total/NA	Water	Field Sampling	
180-133984-3	GWC-13	Total/NA	Water	Field Sampling	
180-133984-4	GWC-14	Total/NA	Water	Field Sampling	
180-133984-5	GWC-18	Total/NA	Water	Field Sampling	
180-133984-6	GWC-19	Total/NA	Water	Field Sampling	
180-133984-7	GWC-20	Total/NA	Water	Field Sampling	

TestAmerica Pittsburgh

301 Alpha Drive
 RIDC Park
 Pittsburgh, PA 15238-2907
 phone 412.963.7058 fax 412.963.2468

Chain of Custody



TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: DW NPDES RCRA Ot

180-133869 Chain of Custody

Client Contact Joju Abraham Southern Company 241 Ralph McGill Blvd SE B10185 Atlanta, GA 30308 JAbraham@southernco.com	Project Manager: Dawn Prell Tel/Fax: 248-536-5445	Site Contact: Dawn Prell Lab Contact: Shali Brown	Carrier:	OC No: 1 of 2 COCs
Analysis Turnaround Time <input checked="" type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS TAT if different from Below 3-5 days	<input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day			Sampler: For Lab Use Only: Walk-in Client: Lab Sampling: SDG No.:
Project Name: CCR - Plant Scherer Cell 1 Site: Georgia P O #	Filtered Sample (Y/N) _____ Perform MS / MSD (Y/N) _____ 6020, 7470A: As, Ba, B, Be, Ca, Cd, Cr, Co, Cu, Pb, Hg, Ni, Sb, Se, Ag, Ti, Vn, Zn Cations: Na, Mg, K Cl, F, So4, TDS Alkalinity (total, CO3, HCO3)			244-ATLANTA

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	6020, 7470A: As, Ba, B, Be, Ca, Cd, Cr, Co, Cu, Pb, Hg, Ni, Sb, Se, Ag, Ti, Vn, Zn	Cations: Na, Mg, K	Cl, F, So4, TDS	Alkalinity (total, CO3, HCO3)	Sample Specific Notes:
GWC-1	2/15/2022	13:01	G	GW	2			X	X	X	X	pH= 6.83
GWC-2	2/15/2022	11:05	G	GW	2			X	X	X	X	pH= 6.61
GWC-3	2/15/2022	15:55	G	GW	2			X	X	X	X	pH= 5.87
GWC-4	2/15/2022	10:10	G	GW	2			X	X	X	X	pH= 6.37
GWC-5	2/15/2022	14:05	G	GW	2			X	X	X	X	pH= 6.16
GWC-6	2/15/2022	13:25	G	GW	2			X	X	X	X	pH= 6.10
GWC-7	2/15/2022	12:30	G	GW	2			X	X	X	X	pH= 6.22
GWC-8A	2/15/2022	9:30	G	GW	2			X	X	X	X	pH= 6.34
GWC-9	2/15/2022	10:50	G	GW	2			X	X	X	X	pH= 6.61
GWC-10	2/15/2022	15:05	G	GW	2			X	X	X	X	pH= 6.48
GWA-15	2/15/2022	12:35	G	GW	2			X	X	X	X	pH= 5.40
GWA-16	2/15/2022	13:38	G	GW	2			X	X	X	X	pH= 6.46

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other _____

Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

Non-Hazard Flammable Poison B Unknown

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

Return to Client Disposal by Lab Archive for _____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No	Custody Seal No.:	Cooler Temp. (°C):	Obs'd:	Corr'd:	Therm ID No.:
Relinquished by: <i>Dawn Prell</i>	Company: <i>WSP-brown</i>	Date/Time: <i>2/16/22 5:00</i>	Received by: <i>Elaine Cook</i>	Company: <i>Courier Now</i>	Date/Time: <i>2/16/22</i>
Relinquished by: <i>Elaine Cook</i>	Company: <i>Courier Now</i>	Date/Time: <i>2/16/22 9:58</i>	Received by: <i>Michael Mackel</i>	Company: <i>Courier Now</i>	Date/Time: <i>2-16-22 9:58</i>
Relinquished by: <i>Michael Mackel</i>	Company: <i>Courier Now</i>	Date/Time: <i>2-16-22 9:58</i>	Received in Laboratory by: <i>J Watson</i>	Company: <i>TestAmerica</i>	Date/Time: <i>2-17-22 9:30</i>

Form No. CA-C-WI-002, Rev. 4.20, dated 2/28/2019

TestAmerica Pittsburgh

301 Alpha Drive
 RIDC Park
 Pittsburgh, PA 15238-2907
 phone 412.963.7058 fax 412.963.2468

Chain of Custody Record



THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: DW NPDES RCRA Other:

Client Contact		Project Manager: Dawn Prell		Site Contact: Dawn Prell		Date: 2/15/2022		COC No:	
Joju Abraham		Tel/Fax: 248-536-5445		Lab Contact: Shali Brown		Carrier:		2 of 2 COCs	
Southern Company		Analysis Turnaround Time							
241 Ralph McGill Blvd SE B10185		<input checked="" type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS							
Atlanta, GA 30308		TAT if different from Below ___3-5 days___							
JAbraham@southernco.com		<input type="checkbox"/> 2 weeks							
Project Name: CCR - Plant Scherer Cell 1		<input type="checkbox"/> 1 week							
Site: Georgia		<input type="checkbox"/> 2 days							
P O #		<input type="checkbox"/> 1 day							

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	8020, 7470A: As, Ba, B, Be, Ca, Cd, Cr, Co, Cu, Pb, Hg, Ni, Sb, Se, Ag, Ti, Vn, Zn	Cations: Na, Mg, K	Cl, F, So4, PO4	Alkalinity (Total, CO3, HCO3)	Sample Specific Notes:
GWA-17	2/15/2022	14:35	G	GW	2			X	X	X	X	pH= 6.20
FB-6	2/15/2022	12:45	G	GW	2			X	X	X	X	
FB-7	2/15/2022	14:55	G	GW	2			X	X	X	X	
EB-6	2/15/2022	10:00	G	GW	2			X	X	X	X	
EB-7	2/15/2022	15:15	G	GW	2			X	X	X	X	
DUP-6	2/15/2022	-	G	GW	2			X	X	X	X	

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

Non-Hazard Flammable Poison B Unknown

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

Return to Client Disposal by Lab Archive for _____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Custody Seal No.:	Cooler Temp. (°C): Obs'd: _____	Corr'd: _____	Therm ID No.:
Relinquished by: <i>Dawn Prell</i>	Company: <i>WSP Boston</i>	Date/Time: <i>2/16/22 8:00</i>	Received by: <i>Elaine Cook</i>	Company: <i>Courier Now</i>
Relinquished by: <i>Elaine Cook</i>	Company: <i>Courier Now</i>	Date/Time: <i>2/16/22 9:58</i>	Received by: <i>Michael Masked</i>	Company: <i>WSP Boston</i>
Relinquished by: <i>Michael Masked</i>	Company: <i>WSP Boston</i>	Date/Time: <i>2/16/22 9:58</i>	Received in Laboratory by: <i>WSP Boston</i>	Company: <i>WSP Boston</i>

Form No. CA-C-WI-002, Rev. 4.20, dated 2/28/2019

9:30

TestAmerica Pittsburgh

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 Pittsburgh, PA 15238-2907
 phone 412.963.7058 fax 412.963.2468

Chain of Custody Record

ATLANTA-244

TestAmerica
 THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: DW NPDES RCRA Other:

Client Contact		Project Manager: Dawn Prell		Site Contact: Dawn Prell		Date: 2/17/2022		COC No:	
Joju Abraham		Tel/Fax: 248-536-5445		Lab Contact: Shali Brown		Carrier:		1 of 1 COCs	
Southern Company		Analysis Turnaround Time		Filtered Sample (Y/N)		Perform MS / MSD (Y/N)		6020, 7470A: As, Ba, B, Be, Ca, Cd, Cr, Co, Cu, Pb, Hg, Ni, Sb, Se, Ag, Ti, Vh, Zn	
241 Ralph McGill Blvd SE B10185		<input checked="" type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS							
Atlanta, GA 30308		TAT if different from Below 3-5 days							
JAbraham@southernco.com		<input type="checkbox"/> 2 weeks							
Project Name: CCR - Plant Scherer Cell 1		<input type="checkbox"/> 1 week							
Site: Georgia		<input type="checkbox"/> 2 days		Cations: Na, Mg, K		Cl, F, So4, TDS		Alkalinity (total, CO3, HCO3)	
P O #		<input type="checkbox"/> 1 day							
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Sample Specific Notes:		

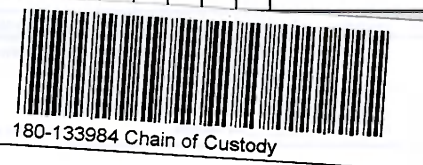
GWC-11	2/16/2022	11:55	G	GW	2	X	X	X	X	pH= 6.16
GWC-12	2/16/2022	12:56	G	GW	2	X	X	X	X	pH= 5.11
GWC-13	2/16/2022	9:25	G	GW	2	X	X	X	X	pH= 5.79
GWC-14	2/16/2022	11:19	G	GW	2	X	X	X	X	pH= 5.60
GWC-18	2/16/2022	11:35	G	GW	2	X	X	X	X	pH= 6.54
GWC-19	2/16/2022	10:36	G	GW	2	X	X	X	X	pH= 6.47
GWC-20	2/16/2022	9:48	G	GW	2	X	X	X	X	pH= 6.71
DUP-7	2/16/2022	--	G	GW	2	X	X	X	X	

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other

Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

Non-Hazard Flammable Poison B Unknown

Sample Disposal (A fee may be assessed if) Return to Client



Special Instructions/QC Requirements & Comments:

Custody Seals Intact: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Custody Seal No.:	Cooler Temp. (°C):	Obs'd:	Corr'd:	Therm ID No.:
Relinquished by: [Signature]	Company: Golder	Date/Time: 2-17-22/10:30	Received by: [Signature]	Company: [Signature]	Date/Time: 2-17-22 10:30
Relinquished by: [Signature]	Company:	Date/Time: 2-17-22 10:30	Received by: [Signature]	Company: [Signature]	Date/Time: 2-17-22 9:30
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Form No. CA-C-WI-002, Rev. 4.20, dated 2/28/2019

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 180-133869-1

Login Number: 133869

List Source: Eurofins Pittsburgh

List Number: 1

Creator: Watson, Debbie

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?	False	
There are no discrepancies between the containers received and the COC.	False	
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").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



Login Sample Receipt Checklist

Client: Southern Company

Job Number: 180-133869-1

Login Number: 133984

List Source: Eurofins Pittsburgh

List Number: 1

Creator: Kovitch, Christina 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.	False	COOLER 3042 8.7
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.	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").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



ANALYTICAL REPORT

Eurofins Pittsburgh
301 Alpha Drive
RIDC Park
Pittsburgh, PA 15238
Tel: (412)963-7058

Laboratory Job ID: 180-133780-1
Client Project/Site: Scherer PAC Ash Cell

For:
Southern Company
241 Ralph McGill Blvd SE
B10185
Atlanta, Georgia 30308

Attn: Joju Abraham



Authorized for release by:
3/1/2022 9:04:18 PM

Shali Brown, Project Manager II
(615)301-5031
Shali.Brown@Eurofinset.com

LINKS

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results through
TotalAccess

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www.eurofinsus.com/Env

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

PA Lab ID: 02-00416



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Case Narrative

Client: Southern Company
Project/Site: Scherer PAC Ash Cell

Job ID: 180-133780-1

Job ID: 180-133780-1

Laboratory: Eurofins Pittsburgh

Narrative

Job Narrative
180-133780-1

Receipt

The samples were received on 2/16/2022 4:45 PM and 2/17/2022 9:30 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 4 coolers at receipt time were 3.6°C, 3.6°C, 4.1°C and 4.5°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.

Field Service / Mobile Lab

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



Definitions/Glossary

Client: Southern Company
Project/Site: Scherer PAC Ash Cell

Job ID: 180-133780-1

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.
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.
α	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

Accreditation/Certification Summary

Client: Southern Company
 Project/Site: Scherer PAC Ash Cell

Job ID: 180-133780-1

Laboratory: Eurofins Pittsburgh

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Arkansas DEQ	State	19-033-0	06-27-22
California	State	2891	04-30-22
Connecticut	State	PH-0688	09-30-22
Florida	NELAP	E871008	06-30-22
Georgia	State	PA 02-00416	04-30-22
Illinois	NELAP	004375	06-30-22
Kansas	NELAP	E-10350	01-31-22 *
Kentucky (UST)	State	162013	04-30-22
Kentucky (WW)	State	KY98043	12-31-22
Louisiana	NELAP	04041	06-30-22
Maine	State	PA00164	03-06-22
Minnesota	NELAP	042-999-482	12-31-22
Nevada	State	PA00164	08-31-22
New Hampshire	NELAP	2030	04-05-22
New Jersey	NELAP	PA005	06-30-23
New York	NELAP	11182	04-02-22
North Carolina (WW/SW)	State	434	12-31-22
North Dakota	State	R-227	04-30-22
Oregon	NELAP	PA-2151	02-06-22 *
Pennsylvania	NELAP	02-00416	04-30-22
Rhode Island	State	LAO00362	12-31-21 *
South Carolina	State	89014	06-30-22
Texas	NELAP	T104704528	03-31-22
USDA	Federal	P-Soil-01	06-26-22
USDA	US Federal Programs	P330-16-00211	06-26-22
Utah	NELAP	PA001462019-8	05-31-22
Virginia	NELAP	10043	09-15-22
West Virginia DEP	State	142	01-31-23
Wisconsin	State	998027800	08-31-22

* Accreditation/Certification renewal pending - accreditation/certification considered valid.



Sample Summary

Client: Southern Company
Project/Site: Scherer PAC Ash Cell

Job ID: 180-133780-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
180-133780-1	GWA-21	Water	02/14/22 10:58	02/16/22 16:45
180-133780-2	GWC-29	Water	02/14/22 15:14	02/16/22 16:45
180-133780-3	GWA-45	Water	02/14/22 15:05	02/16/22 16:45
180-133780-4	GWA-46	Water	02/14/22 16:10	02/16/22 16:45
180-133780-5	GWA-47	Water	02/14/22 16:00	02/16/22 16:45
180-133780-6	GWA-48	Water	02/14/22 11:00	02/16/22 16:45
180-133780-7	GWA-49	Water	02/14/22 13:38	02/16/22 16:45
180-133780-8	GWC-50	Water	02/14/22 14:26	02/16/22 16:45
180-133780-9	GWC-52	Water	02/14/22 14:05	02/16/22 16:45
180-133780-10	GWC-53	Water	02/14/22 12:30	02/16/22 16:45
180-133780-11	FB-4	Water	02/14/22 15:15	02/16/22 16:45
180-133780-12	FB-5	Water	02/14/22 16:25	02/16/22 16:45
180-133780-13	EB-5	Water	02/14/22 15:40	02/16/22 16:45
180-133780-14	EB-4	Water	02/14/22 10:45	02/16/22 16:45
180-133780-15	DUP-4	Water	02/14/22 00:01	02/16/22 16:45
180-133780-16	DUP-5	Water	02/14/22 00:01	02/16/22 16:45
180-133870-1	GWA-22	Water	02/15/22 10:30	02/17/22 09:30
180-133870-2	GWC-51	Water	02/15/22 11:59	02/17/22 09:30



Method Summary

Client: Southern Company
Project/Site: Scherer PAC Ash Cell

Job ID: 180-133780-1

Method	Method Description	Protocol	Laboratory
EPA 300.0 R2.1	Anions, Ion Chromatography	EPA	TAL PIT
EPA 6020B	Metals (ICP/MS)	SW846	TAL PIT
EPA 7470A	Mercury (CVAA)	SW846	TAL PIT
SM 2540C	Solids, Total Dissolved (TDS)	SM	TAL PIT
SM2320 B	Alkalinity, Total	SM18	TAL PIT
Field Sampling	Field Sampling	EPA	TAL PIT
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	TAL PIT
7470A	Preparation, Mercury	SW846	TAL PIT

Protocol References:

EPA = US Environmental Protection Agency

SM = "Standard Methods For The Examination Of Water And Wastewater"

SM18 = "Standard Methods For The Examination Of Water And Wastewater", 18th Edition, 1992.

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

Laboratory References:

TAL PIT = Eurofins Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

Lab Chronicle

Client: Southern Company
Project/Site: Scherer PAC Ash Cell

Job ID: 180-133780-1

Client Sample ID: GWA-21

Lab Sample ID: 180-133780-1

Date Collected: 02/14/22 10:58

Matrix: Water

Date Received: 02/16/22 16:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			388730	02/18/22 19:22	JRB	TAL PIT
Instrument ID: CHICS2100B										
Total Recoverable	Prep	3005A			50 mL	50 mL	388752	02/18/22 10:38	KFS	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			389213	02/22/22 13:48	RSK	TAL PIT
Instrument ID: NEMO										
Total/NA	Prep	7470A			25 mL	25 mL	389779	02/28/22 11:29	RJR	TAL PIT
Total/NA	Analysis	EPA 7470A		1			389946	03/01/22 12:40	RJR	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	388697	02/17/22 17:39	JCR	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM2320 B		1			389234	02/22/22 16:59	CMT	TAL PIT
Instrument ID: PCTITRATOR										
Total/NA	Analysis	Field Sampling		1			389463	02/14/22 10:58	KAR	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: GWC-29

Lab Sample ID: 180-133780-2

Date Collected: 02/14/22 15:14

Matrix: Water

Date Received: 02/16/22 16:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			388730	02/18/22 23:55	JRB	TAL PIT
Instrument ID: CHICS2100B										
Total Recoverable	Prep	3005A			50 mL	50 mL	388752	02/18/22 10:38	KFS	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			389213	02/22/22 13:50	RSK	TAL PIT
Instrument ID: NEMO										
Total/NA	Prep	7470A			25 mL	25 mL	389779	02/28/22 11:29	RJR	TAL PIT
Total/NA	Analysis	EPA 7470A		1			389946	03/01/22 12:43	RJR	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	388697	02/17/22 17:39	JCR	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM2320 B		1			389234	02/22/22 17:19	CMT	TAL PIT
Instrument ID: PCTITRATOR										
Total/NA	Analysis	Field Sampling		1			389463	02/14/22 15:14	KAR	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: GWA-45

Lab Sample ID: 180-133780-3

Date Collected: 02/14/22 15:05

Matrix: Water

Date Received: 02/16/22 16:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			388730	02/19/22 00:36	JRB	TAL PIT
Instrument ID: CHICS2100B										
Total Recoverable	Prep	3005A			50 mL	50 mL	388752	02/18/22 10:38	KFS	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			389213	02/22/22 13:53	RSK	TAL PIT
Instrument ID: NEMO										

Eurofins Pittsburgh

Lab Chronicle

Client: Southern Company
Project/Site: Scherer PAC Ash Cell

Job ID: 180-133780-1

Client Sample ID: GWA-45

Lab Sample ID: 180-133780-3

Date Collected: 02/14/22 15:05

Matrix: Water

Date Received: 02/16/22 16:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7470A			25 mL	25 mL	389779	02/28/22 11:29	RJR	TAL PIT
Total/NA	Analysis	EPA 7470A		1			389946	03/01/22 12:45	RJR	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	388697	02/17/22 17:39	JCR	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM2320 B		1			389234	02/22/22 17:33	CMT	TAL PIT
Instrument ID: PCTITRATOR										
Total/NA	Analysis	Field Sampling		1			389463	02/14/22 15:05	KAR	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: GWA-46

Lab Sample ID: 180-133780-4

Date Collected: 02/14/22 16:10

Matrix: Water

Date Received: 02/16/22 16:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			388730	02/18/22 20:30	JRB	TAL PIT
Instrument ID: CHICS2100B										
Total Recoverable	Prep	3005A			50 mL	50 mL	388752	02/18/22 10:38	KFS	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			389213	02/22/22 13:55	RSK	TAL PIT
Instrument ID: NEMO										
Total/NA	Prep	7470A			25 mL	25 mL	389779	02/28/22 11:29	RJR	TAL PIT
Total/NA	Analysis	EPA 7470A		1			389946	03/01/22 12:46	RJR	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	388697	02/17/22 17:39	JCR	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM2320 B		1			389234	02/22/22 17:40	CMT	TAL PIT
Instrument ID: PCTITRATOR										
Total/NA	Analysis	Field Sampling		1			389463	02/14/22 16:10	KAR	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: GWA-47

Lab Sample ID: 180-133780-5

Date Collected: 02/14/22 16:00

Matrix: Water

Date Received: 02/16/22 16:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			388730	02/18/22 20:44	JRB	TAL PIT
Instrument ID: CHICS2100B										
Total Recoverable	Prep	3005A			50 mL	50 mL	388752	02/18/22 10:38	KFS	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			389213	02/22/22 13:58	RSK	TAL PIT
Instrument ID: NEMO										
Total/NA	Prep	7470A			25 mL	25 mL	389779	02/28/22 11:29	RJR	TAL PIT
Total/NA	Analysis	EPA 7470A		1			389946	03/01/22 12:47	RJR	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	388697	02/17/22 17:39	JCR	TAL PIT
Instrument ID: NOEQUIP										

Eurofins Pittsburgh

Lab Chronicle

Client: Southern Company
Project/Site: Scherer PAC Ash Cell

Job ID: 180-133780-1

Client Sample ID: GWA-47

Date Collected: 02/14/22 16:00

Date Received: 02/16/22 16:45

Lab Sample ID: 180-133780-5

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	SM2320 B		1			389234	02/22/22 17:47	CMT	TAL PIT
Total/NA	Analysis	Field Sampling		1			389463	02/14/22 16:00	KAR	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: GWA-48

Date Collected: 02/14/22 11:00

Date Received: 02/16/22 16:45

Lab Sample ID: 180-133780-6

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	EPA 300.0 R2.1		1			388730	02/18/22 20:57	JRB	TAL PIT
Instrument ID: CHICS2100B										
Total Recoverable	Prep	3005A			50 mL	50 mL	388752	02/18/22 10:38	KFS	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			389213	02/22/22 14:01	RSK	TAL PIT
Instrument ID: NEMO										
Total/NA	Prep	7470A			25 mL	25 mL	389779	02/28/22 11:29	RJR	TAL PIT
Total/NA	Analysis	EPA 7470A		1			389946	03/01/22 12:48	RJR	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	388697	02/17/22 17:39	JCR	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM2320 B		1			389234	02/22/22 17:54	CMT	TAL PIT
Instrument ID: PCTITRATOR										
Total/NA	Analysis	Field Sampling		1			389463	02/14/22 11:00	KAR	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: GWA-49

Date Collected: 02/14/22 13:38

Date Received: 02/16/22 16:45

Lab Sample ID: 180-133780-7

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	EPA 300.0 R2.1		1			388730	02/18/22 21:11	JRB	TAL PIT
Instrument ID: CHICS2100B										
Total Recoverable	Prep	3005A			50 mL	50 mL	388752	02/18/22 10:38	KFS	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			389213	02/22/22 14:03	RSK	TAL PIT
Instrument ID: NEMO										
Total/NA	Prep	7470A			25 mL	25 mL	389779	02/28/22 11:29	RJR	TAL PIT
Total/NA	Analysis	EPA 7470A		1			389946	03/01/22 12:52	RJR	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	388697	02/17/22 17:39	JCR	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM2320 B		1			389234	02/22/22 18:01	CMT	TAL PIT
Instrument ID: PCTITRATOR										
Total/NA	Analysis	Field Sampling		1			389463	02/14/22 13:38	KAR	TAL PIT
Instrument ID: NOEQUIP										

Lab Chronicle

Client: Southern Company
Project/Site: Scherer PAC Ash Cell

Job ID: 180-133780-1

Client Sample ID: GWC-50

Lab Sample ID: 180-133780-8

Date Collected: 02/14/22 14:26

Matrix: Water

Date Received: 02/16/22 16:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			388730	02/18/22 21:25	JRB	TAL PIT
Instrument ID: CHICS2100B										
Total Recoverable	Prep	3005A			50 mL	50 mL	388752	02/18/22 10:38	KFS	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			389213	02/22/22 14:11	RSK	TAL PIT
Instrument ID: NEMO										
Total/NA	Prep	7470A			25 mL	25 mL	389779	02/28/22 11:29	RJR	TAL PIT
Total/NA	Analysis	EPA 7470A		1			389946	03/01/22 12:53	RJR	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	388697	02/17/22 17:39	JCR	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM2320 B		1			389234	02/22/22 18:08	CMT	TAL PIT
Instrument ID: PCTITRATOR										
Total/NA	Analysis	Field Sampling		1			389463	02/14/22 14:26	KAR	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: GWC-52

Lab Sample ID: 180-133780-9

Date Collected: 02/14/22 14:05

Matrix: Water

Date Received: 02/16/22 16:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			388730	02/18/22 21:38	JRB	TAL PIT
Instrument ID: CHICS2100B										
Total Recoverable	Prep	3005A			50 mL	50 mL	388752	02/18/22 10:38	KFS	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			389213	02/22/22 14:14	RSK	TAL PIT
Instrument ID: NEMO										
Total/NA	Prep	7470A			25 mL	25 mL	389779	02/28/22 11:29	RJR	TAL PIT
Total/NA	Analysis	EPA 7470A		1			389946	03/01/22 12:54	RJR	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	388697	02/17/22 17:39	JCR	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM2320 B		1			389234	02/22/22 18:16	CMT	TAL PIT
Instrument ID: PCTITRATOR										
Total/NA	Analysis	Field Sampling		1			389463	02/14/22 14:05	KAR	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: GWC-53

Lab Sample ID: 180-133780-10

Date Collected: 02/14/22 12:30

Matrix: Water

Date Received: 02/16/22 16:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			388730	02/18/22 21:52	JRB	TAL PIT
Instrument ID: CHICS2100B										
Total Recoverable	Prep	3005A			50 mL	50 mL	388752	02/18/22 10:38	KFS	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			389213	02/22/22 14:16	RSK	TAL PIT
Instrument ID: NEMO										

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Lab Chronicle

Client: Southern Company
Project/Site: Scherer PAC Ash Cell

Job ID: 180-133780-1

Client Sample ID: GWC-53

Lab Sample ID: 180-133780-10

Date Collected: 02/14/22 12:30

Matrix: Water

Date Received: 02/16/22 16:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7470A			25 mL	25 mL	389779	02/28/22 11:29	RJR	TAL PIT
Total/NA	Analysis	EPA 7470A		1			389946	03/01/22 12:55	RJR	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	388812	02/18/22 15:14	JCR	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM2320 B		1			389234	02/22/22 18:23	CMT	TAL PIT
Instrument ID: PCTITRATOR										
Total/NA	Analysis	Field Sampling		1			389463	02/14/22 12:30	KAR	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: FB-4

Lab Sample ID: 180-133780-11

Date Collected: 02/14/22 15:15

Matrix: Water

Date Received: 02/16/22 16:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			388730	02/18/22 22:06	JRB	TAL PIT
Instrument ID: CHICS2100B										
Total Recoverable	Prep	3005A			50 mL	50 mL	388752	02/18/22 10:38	KFS	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			389213	02/22/22 14:19	RSK	TAL PIT
Instrument ID: NEMO										
Total/NA	Prep	7470A			25 mL	25 mL	389779	02/28/22 11:29	RJR	TAL PIT
Total/NA	Analysis	EPA 7470A		1			389946	03/01/22 12:56	RJR	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	388812	02/18/22 15:14	JCR	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM2320 B		1			389234	02/22/22 19:04	CMT	TAL PIT
Instrument ID: PCTITRATOR										

Client Sample ID: FB-5

Lab Sample ID: 180-133780-12

Date Collected: 02/14/22 16:25

Matrix: Water

Date Received: 02/16/22 16:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			388730	02/18/22 22:47	JRB	TAL PIT
Instrument ID: CHICS2100B										
Total Recoverable	Prep	3005A			50 mL	50 mL	388752	02/18/22 10:38	KFS	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			389213	02/22/22 14:21	RSK	TAL PIT
Instrument ID: NEMO										
Total/NA	Prep	7470A			25 mL	25 mL	389779	02/28/22 11:29	RJR	TAL PIT
Total/NA	Analysis	EPA 7470A		1			389946	03/01/22 12:57	RJR	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	388812	02/18/22 15:14	JCR	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM2320 B		1			389234	02/22/22 19:15	CMT	TAL PIT
Instrument ID: PCTITRATOR										

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Lab Chronicle

Client: Southern Company
Project/Site: Scherer PAC Ash Cell

Job ID: 180-133780-1

Client Sample ID: EB-5

Lab Sample ID: 180-133780-13

Date Collected: 02/14/22 15:40

Matrix: Water

Date Received: 02/16/22 16:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			388730	02/18/22 23:00	JRB	TAL PIT
Instrument ID: CHICS2100B										
Total Recoverable	Prep	3005A			50 mL	50 mL	388752	02/18/22 10:38	KFS	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			389213	02/22/22 14:24	RSK	TAL PIT
Instrument ID: NEMO										
Total/NA	Prep	7470A			25 mL	25 mL	389779	02/28/22 11:29	RJR	TAL PIT
Total/NA	Analysis	EPA 7470A		1			389946	03/01/22 12:58	RJR	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	388812	02/18/22 15:14	JCR	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM2320 B		1			389234	02/22/22 19:20	CMT	TAL PIT
Instrument ID: PCTITRATOR										

Client Sample ID: EB-4

Lab Sample ID: 180-133780-14

Date Collected: 02/14/22 10:45

Matrix: Water

Date Received: 02/16/22 16:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			388730	02/18/22 23:14	JRB	TAL PIT
Instrument ID: CHICS2100B										
Total Recoverable	Prep	3005A			50 mL	50 mL	388752	02/18/22 10:38	KFS	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			389213	02/22/22 14:27	RSK	TAL PIT
Instrument ID: NEMO										
Total/NA	Prep	7470A			25 mL	25 mL	389779	02/28/22 11:29	RJR	TAL PIT
Total/NA	Analysis	EPA 7470A		1			389946	03/01/22 12:59	RJR	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	388812	02/18/22 15:14	JCR	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM2320 B		1			389234	02/22/22 19:25	CMT	TAL PIT
Instrument ID: PCTITRATOR										

Client Sample ID: DUP-4

Lab Sample ID: 180-133780-15

Date Collected: 02/14/22 00:01

Matrix: Water

Date Received: 02/16/22 16:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			388730	02/19/22 00:49	JRB	TAL PIT
Instrument ID: CHICS2100B										
Total Recoverable	Prep	3005A			25 mL	25 mL	388754	02/18/22 10:40	KFS	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			389218	02/22/22 13:47	RSK	TAL PIT
Instrument ID: A										
Total/NA	Prep	7470A			25 mL	25 mL	389779	02/28/22 11:29	RJR	TAL PIT
Total/NA	Analysis	EPA 7470A		1			389946	03/01/22 13:00	RJR	TAL PIT
Instrument ID: HGY										

Lab Chronicle

Client: Southern Company
Project/Site: Scherer PAC Ash Cell

Job ID: 180-133780-1

Client Sample ID: DUP-4

Lab Sample ID: 180-133780-15

Date Collected: 02/14/22 00:01

Matrix: Water

Date Received: 02/16/22 16:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	388812	02/18/22 15:14	JCR	TAL PIT
Total/NA	Analysis	SM2320 B		1			389234	02/22/22 19:31	CMT	TAL PIT
Instrument ID: PCTITRATOR										

Client Sample ID: DUP-5

Lab Sample ID: 180-133780-16

Date Collected: 02/14/22 00:01

Matrix: Water

Date Received: 02/16/22 16:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			388730	02/19/22 01:30	JRB	TAL PIT
Instrument ID: CHICS2100B										
Total Recoverable	Prep	3005A			25 mL	25 mL	388754	02/18/22 10:40	KFS	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			389218	02/22/22 13:51	RSK	TAL PIT
Instrument ID: A										
Total/NA	Prep	7470A			25 mL	25 mL	389779	02/28/22 11:29	RJR	TAL PIT
Total/NA	Analysis	EPA 7470A		1			389946	03/01/22 13:01	RJR	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	388812	02/18/22 15:14	JCR	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM2320 B		1			389234	02/22/22 19:38	CMT	TAL PIT
Instrument ID: PCTITRATOR										

Client Sample ID: GWA-22

Lab Sample ID: 180-133870-1

Date Collected: 02/15/22 10:30

Matrix: Water

Date Received: 02/17/22 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			388878	02/20/22 18:52	JRB	TAL PIT
Instrument ID: CHICS2100B										
Total Recoverable	Prep	3005A			25 mL	25 mL	388851	02/19/22 10:32	KFS	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			389213	02/22/22 15:46	RSK	TAL PIT
Instrument ID: NEMO										
Total/NA	Prep	7470A			25 mL	25 mL	389777	02/28/22 11:26	RJR	TAL PIT
Total/NA	Analysis	EPA 7470A		1			389986	03/01/22 17:04	RJR	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	389014	02/21/22 13:57	JCR	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM2320 B		1			389234	02/23/22 02:05	CMT	TAL PIT
Instrument ID: PCTITRATOR										
Total/NA	Analysis	Field Sampling		1			389742	02/15/22 10:30	FDS	TAL PIT
Instrument ID: NOEQUIP										

Lab Chronicle

Client: Southern Company
 Project/Site: Scherer PAC Ash Cell

Job ID: 180-133780-1

Client Sample ID: GWC-51

Lab Sample ID: 180-133870-2

Date Collected: 02/15/22 11:59

Matrix: Water

Date Received: 02/17/22 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			388878	02/20/22 19:05	JRB	TAL PIT
Instrument ID: CHICS2100B										
Total Recoverable	Prep	3005A			25 mL	25 mL	388851	02/19/22 10:32	KFS	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			389213	02/22/22 15:48	RSK	TAL PIT
Instrument ID: NEMO										
Total/NA	Prep	7470A			25 mL	25 mL	389777	02/28/22 11:26	RJR	TAL PIT
Total/NA	Analysis	EPA 7470A		1			389986	03/01/22 17:05	RJR	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	389014	02/21/22 13:57	JCR	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM2320 B		1			389234	02/23/22 03:10	CMT	TAL PIT
Instrument ID: PCTITRATOR										
Total/NA	Analysis	Field Sampling		1			389742	02/15/22 11:59	FDS	TAL PIT
Instrument ID: NOEQUIP										

Laboratory References:

TAL PIT = Eurofins Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

Analyst References:

Lab: TAL PIT

Batch Type: Prep

KFS = Kelly Shannon

RJR = Ron Rosenbaum

Batch Type: Analysis

CMT = Cassandra Tlumac

FDS = Sampler Field

JCR = Jessica Rodgers

JRB = James Burzio

KAR = Kacy Reitnauer

RJR = Ron Rosenbaum

RSK = Robert Kurtz

Client Sample Results

Client: Southern Company
Project/Site: Scherer PAC Ash Cell

Job ID: 180-133780-1

Client Sample ID: GWA-21

Lab Sample ID: 180-133780-1

Date Collected: 02/14/22 10:58

Matrix: Water

Date Received: 02/16/22 16:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4.0		1.0	0.71	mg/L			02/18/22 19:22	1
Fluoride	0.058	J	0.10	0.026	mg/L			02/18/22 19:22	1
Sulfate	1.0		1.0	0.76	mg/L			02/18/22 19:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		02/18/22 10:38	02/22/22 13:48	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		02/18/22 10:38	02/22/22 13:48	1
Barium	0.024		0.010	0.0031	mg/L		02/18/22 10:38	02/22/22 13:48	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		02/18/22 10:38	02/22/22 13:48	1
Boron	<0.060		0.080	0.060	mg/L		02/18/22 10:38	02/22/22 13:48	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		02/18/22 10:38	02/22/22 13:48	1
Calcium	8.0		0.50	0.13	mg/L		02/18/22 10:38	02/22/22 13:48	1
Chromium	0.0026		0.0020	0.0015	mg/L		02/18/22 10:38	02/22/22 13:48	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		02/18/22 10:38	02/22/22 13:48	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/18/22 10:38	02/22/22 13:48	1
Lead	<0.00017		0.0010	0.00017	mg/L		02/18/22 10:38	02/22/22 13:48	1
Nickel	<0.00052		0.0010	0.00052	mg/L		02/18/22 10:38	02/22/22 13:48	1
Selenium	<0.00074		0.0050	0.00074	mg/L		02/18/22 10:38	02/22/22 13:48	1
Silver	<0.00022		0.0010	0.00022	mg/L		02/18/22 10:38	02/22/22 13:48	1
Thallium	<0.00047		0.0010	0.00047	mg/L		02/18/22 10:38	02/22/22 13:48	1
Vanadium	0.0033		0.0010	0.00078	mg/L		02/18/22 10:38	02/22/22 13:48	1
Zinc	<0.0029		0.0050	0.0029	mg/L		02/18/22 10:38	02/22/22 13:48	1
Sodium	7.2		0.50	0.18	mg/L		02/18/22 10:38	02/22/22 13:48	1
Potassium	0.69		0.50	0.16	mg/L		02/18/22 10:38	02/22/22 13:48	1
Magnesium	4.7		0.50	0.050	mg/L		02/18/22 10:38	02/22/22 13:48	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		02/28/22 11:29	03/01/22 12:40	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	100		10	10	mg/L			02/17/22 17:39	1
Total Alkalinity as CaCO3 to pH 4.5	50		5.0	5.0	mg/L			02/22/22 16:59	1
Bicarbonate Alkalinity as CaCO3	50		5.0	5.0	mg/L			02/22/22 16:59	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/22/22 16:59	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	5.99				SU			02/14/22 10:58	1

Client Sample Results

Client: Southern Company
Project/Site: Scherer PAC Ash Cell

Job ID: 180-133780-1

Client Sample ID: GWC-29

Lab Sample ID: 180-133780-2

Date Collected: 02/14/22 15:14

Matrix: Water

Date Received: 02/16/22 16:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3.8		1.0	0.71	mg/L			02/18/22 23:55	1
Fluoride	0.074	J	0.10	0.026	mg/L			02/18/22 23:55	1
Sulfate	2.9		1.0	0.76	mg/L			02/18/22 23:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		02/18/22 10:38	02/22/22 13:50	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		02/18/22 10:38	02/22/22 13:50	1
Barium	0.020		0.010	0.0031	mg/L		02/18/22 10:38	02/22/22 13:50	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		02/18/22 10:38	02/22/22 13:50	1
Boron	<0.060		0.080	0.060	mg/L		02/18/22 10:38	02/22/22 13:50	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		02/18/22 10:38	02/22/22 13:50	1
Calcium	16		0.50	0.13	mg/L		02/18/22 10:38	02/22/22 13:50	1
Chromium	<0.0015		0.0020	0.0015	mg/L		02/18/22 10:38	02/22/22 13:50	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		02/18/22 10:38	02/22/22 13:50	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/18/22 10:38	02/22/22 13:50	1
Lead	<0.00017		0.0010	0.00017	mg/L		02/18/22 10:38	02/22/22 13:50	1
Nickel	0.0034		0.0010	0.00052	mg/L		02/18/22 10:38	02/22/22 13:50	1
Selenium	<0.00074		0.0050	0.00074	mg/L		02/18/22 10:38	02/22/22 13:50	1
Silver	<0.00022		0.0010	0.00022	mg/L		02/18/22 10:38	02/22/22 13:50	1
Thallium	<0.00047		0.0010	0.00047	mg/L		02/18/22 10:38	02/22/22 13:50	1
Vanadium	0.0047		0.0010	0.00078	mg/L		02/18/22 10:38	02/22/22 13:50	1
Zinc	<0.0029		0.0050	0.0029	mg/L		02/18/22 10:38	02/22/22 13:50	1
Sodium	5.4		0.50	0.18	mg/L		02/18/22 10:38	02/22/22 13:50	1
Potassium	0.72		0.50	0.16	mg/L		02/18/22 10:38	02/22/22 13:50	1
Magnesium	9.6		0.50	0.050	mg/L		02/18/22 10:38	02/22/22 13:50	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		02/28/22 11:29	03/01/22 12:43	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	120		10	10	mg/L			02/17/22 17:39	1
Total Alkalinity as CaCO3 to pH 4.5	89		5.0	5.0	mg/L			02/22/22 17:19	1
Bicarbonate Alkalinity as CaCO3	89		5.0	5.0	mg/L			02/22/22 17:19	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/22/22 17:19	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.29				SU			02/14/22 15:14	1

Client Sample Results

Client: Southern Company
Project/Site: Scherer PAC Ash Cell

Job ID: 180-133780-1

Client Sample ID: GWA-45

Lab Sample ID: 180-133780-3

Date Collected: 02/14/22 15:05

Matrix: Water

Date Received: 02/16/22 16:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10		1.0	0.71	mg/L			02/19/22 00:36	1
Fluoride	0.052	J	0.10	0.026	mg/L			02/19/22 00:36	1
Sulfate	130		1.0	0.76	mg/L			02/19/22 00:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		02/18/22 10:38	02/22/22 13:53	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		02/18/22 10:38	02/22/22 13:53	1
Barium	0.077		0.010	0.0031	mg/L		02/18/22 10:38	02/22/22 13:53	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		02/18/22 10:38	02/22/22 13:53	1
Boron	0.86		0.080	0.060	mg/L		02/18/22 10:38	02/22/22 13:53	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		02/18/22 10:38	02/22/22 13:53	1
Calcium	26		0.50	0.13	mg/L		02/18/22 10:38	02/22/22 13:53	1
Chromium	<0.0015		0.0020	0.0015	mg/L		02/18/22 10:38	02/22/22 13:53	1
Cobalt	0.00059	J	0.0025	0.00026	mg/L		02/18/22 10:38	02/22/22 13:53	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/18/22 10:38	02/22/22 13:53	1
Lead	<0.00017		0.0010	0.00017	mg/L		02/18/22 10:38	02/22/22 13:53	1
Nickel	<0.00052		0.0010	0.00052	mg/L		02/18/22 10:38	02/22/22 13:53	1
Selenium	<0.00074		0.0050	0.00074	mg/L		02/18/22 10:38	02/22/22 13:53	1
Silver	<0.00022		0.0010	0.00022	mg/L		02/18/22 10:38	02/22/22 13:53	1
Thallium	<0.00047		0.0010	0.00047	mg/L		02/18/22 10:38	02/22/22 13:53	1
Vanadium	0.0028		0.0010	0.00078	mg/L		02/18/22 10:38	02/22/22 13:53	1
Zinc	0.0030	J	0.0050	0.0029	mg/L		02/18/22 10:38	02/22/22 13:53	1
Sodium	41		0.50	0.18	mg/L		02/18/22 10:38	02/22/22 13:53	1
Potassium	3.2		0.50	0.16	mg/L		02/18/22 10:38	02/22/22 13:53	1
Magnesium	7.8		0.50	0.050	mg/L		02/18/22 10:38	02/22/22 13:53	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		02/28/22 11:29	03/01/22 12:45	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	290		10	10	mg/L			02/17/22 17:39	1
Total Alkalinity as CaCO3 to pH 4.5	45		5.0	5.0	mg/L			02/22/22 17:33	1
Bicarbonate Alkalinity as CaCO3	45		5.0	5.0	mg/L			02/22/22 17:33	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/22/22 17:33	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.31				SU			02/14/22 15:05	1

Client Sample Results

Client: Southern Company
Project/Site: Scherer PAC Ash Cell

Job ID: 180-133780-1

Client Sample ID: GWA-46

Lab Sample ID: 180-133780-4

Date Collected: 02/14/22 16:10

Matrix: Water

Date Received: 02/16/22 16:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.0		1.0	0.71	mg/L			02/18/22 20:30	1
Fluoride	0.050	J	0.10	0.026	mg/L			02/18/22 20:30	1
Sulfate	<0.76		1.0	0.76	mg/L			02/18/22 20:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		02/18/22 10:38	02/22/22 13:55	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		02/18/22 10:38	02/22/22 13:55	1
Barium	0.024		0.010	0.0031	mg/L		02/18/22 10:38	02/22/22 13:55	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		02/18/22 10:38	02/22/22 13:55	1
Boron	<0.060		0.080	0.060	mg/L		02/18/22 10:38	02/22/22 13:55	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		02/18/22 10:38	02/22/22 13:55	1
Calcium	5.9		0.50	0.13	mg/L		02/18/22 10:38	02/22/22 13:55	1
Chromium	0.0047		0.0020	0.0015	mg/L		02/18/22 10:38	02/22/22 13:55	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		02/18/22 10:38	02/22/22 13:55	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/18/22 10:38	02/22/22 13:55	1
Lead	<0.00017		0.0010	0.00017	mg/L		02/18/22 10:38	02/22/22 13:55	1
Nickel	<0.00052		0.0010	0.00052	mg/L		02/18/22 10:38	02/22/22 13:55	1
Selenium	<0.00074		0.0050	0.00074	mg/L		02/18/22 10:38	02/22/22 13:55	1
Silver	<0.00022		0.0010	0.00022	mg/L		02/18/22 10:38	02/22/22 13:55	1
Thallium	<0.00047		0.0010	0.00047	mg/L		02/18/22 10:38	02/22/22 13:55	1
Vanadium	0.0032		0.0010	0.00078	mg/L		02/18/22 10:38	02/22/22 13:55	1
Zinc	<0.0029		0.0050	0.0029	mg/L		02/18/22 10:38	02/22/22 13:55	1
Sodium	4.4		0.50	0.18	mg/L		02/18/22 10:38	02/22/22 13:55	1
Potassium	0.82		0.50	0.16	mg/L		02/18/22 10:38	02/22/22 13:55	1
Magnesium	3.0		0.50	0.050	mg/L		02/18/22 10:38	02/22/22 13:55	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		02/28/22 11:29	03/01/22 12:46	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	68		10	10	mg/L			02/17/22 17:39	1
Total Alkalinity as CaCO3 to pH 4.5	34		5.0	5.0	mg/L			02/22/22 17:40	1
Bicarbonate Alkalinity as CaCO3	34		5.0	5.0	mg/L			02/22/22 17:40	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/22/22 17:40	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	5.85				SU			02/14/22 16:10	1

Client Sample Results

Client: Southern Company
Project/Site: Scherer PAC Ash Cell

Job ID: 180-133780-1

Client Sample ID: GWA-47

Lab Sample ID: 180-133780-5

Date Collected: 02/14/22 16:00

Matrix: Water

Date Received: 02/16/22 16:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.5		1.0	0.71	mg/L			02/18/22 20:44	1
Fluoride	0.068	J	0.10	0.026	mg/L			02/18/22 20:44	1
Sulfate	<0.76		1.0	0.76	mg/L			02/18/22 20:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		02/18/22 10:38	02/22/22 13:58	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		02/18/22 10:38	02/22/22 13:58	1
Barium	0.029		0.010	0.0031	mg/L		02/18/22 10:38	02/22/22 13:58	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		02/18/22 10:38	02/22/22 13:58	1
Boron	<0.060		0.080	0.060	mg/L		02/18/22 10:38	02/22/22 13:58	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		02/18/22 10:38	02/22/22 13:58	1
Calcium	11		0.50	0.13	mg/L		02/18/22 10:38	02/22/22 13:58	1
Chromium	0.0086		0.0020	0.0015	mg/L		02/18/22 10:38	02/22/22 13:58	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		02/18/22 10:38	02/22/22 13:58	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/18/22 10:38	02/22/22 13:58	1
Lead	<0.00017		0.0010	0.00017	mg/L		02/18/22 10:38	02/22/22 13:58	1
Nickel	<0.00052		0.0010	0.00052	mg/L		02/18/22 10:38	02/22/22 13:58	1
Selenium	<0.00074		0.0050	0.00074	mg/L		02/18/22 10:38	02/22/22 13:58	1
Silver	<0.00022		0.0010	0.00022	mg/L		02/18/22 10:38	02/22/22 13:58	1
Thallium	<0.00047		0.0010	0.00047	mg/L		02/18/22 10:38	02/22/22 13:58	1
Vanadium	0.0076		0.0010	0.00078	mg/L		02/18/22 10:38	02/22/22 13:58	1
Zinc	<0.0029		0.0050	0.0029	mg/L		02/18/22 10:38	02/22/22 13:58	1
Sodium	6.4		0.50	0.18	mg/L		02/18/22 10:38	02/22/22 13:58	1
Potassium	0.92		0.50	0.16	mg/L		02/18/22 10:38	02/22/22 13:58	1
Magnesium	5.0		0.50	0.050	mg/L		02/18/22 10:38	02/22/22 13:58	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		02/28/22 11:29	03/01/22 12:47	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	94		10	10	mg/L			02/17/22 17:39	1
Total Alkalinity as CaCO3 to pH 4.5	65		5.0	5.0	mg/L			02/22/22 17:47	1
Bicarbonate Alkalinity as CaCO3	65		5.0	5.0	mg/L			02/22/22 17:47	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/22/22 17:47	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.60				SU			02/14/22 16:00	1

Client Sample Results

Client: Southern Company
Project/Site: Scherer PAC Ash Cell

Job ID: 180-133780-1

Client Sample ID: GWA-48

Lab Sample ID: 180-133780-6

Date Collected: 02/14/22 11:00

Matrix: Water

Date Received: 02/16/22 16:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.8		1.0	0.71	mg/L			02/18/22 20:57	1
Fluoride	0.056	J	0.10	0.026	mg/L			02/18/22 20:57	1
Sulfate	1.2		1.0	0.76	mg/L			02/18/22 20:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		02/18/22 10:38	02/22/22 14:01	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		02/18/22 10:38	02/22/22 14:01	1
Barium	0.014		0.010	0.0031	mg/L		02/18/22 10:38	02/22/22 14:01	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		02/18/22 10:38	02/22/22 14:01	1
Boron	<0.060		0.080	0.060	mg/L		02/18/22 10:38	02/22/22 14:01	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		02/18/22 10:38	02/22/22 14:01	1
Calcium	11		0.50	0.13	mg/L		02/18/22 10:38	02/22/22 14:01	1
Chromium	0.0058		0.0020	0.0015	mg/L		02/18/22 10:38	02/22/22 14:01	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		02/18/22 10:38	02/22/22 14:01	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/18/22 10:38	02/22/22 14:01	1
Lead	<0.00017		0.0010	0.00017	mg/L		02/18/22 10:38	02/22/22 14:01	1
Nickel	<0.00052		0.0010	0.00052	mg/L		02/18/22 10:38	02/22/22 14:01	1
Selenium	<0.00074		0.0050	0.00074	mg/L		02/18/22 10:38	02/22/22 14:01	1
Silver	<0.00022		0.0010	0.00022	mg/L		02/18/22 10:38	02/22/22 14:01	1
Thallium	<0.00047		0.0010	0.00047	mg/L		02/18/22 10:38	02/22/22 14:01	1
Vanadium	0.019		0.0010	0.00078	mg/L		02/18/22 10:38	02/22/22 14:01	1
Zinc	<0.0029		0.0050	0.0029	mg/L		02/18/22 10:38	02/22/22 14:01	1
Sodium	5.3		0.50	0.18	mg/L		02/18/22 10:38	02/22/22 14:01	1
Potassium	0.94		0.50	0.16	mg/L		02/18/22 10:38	02/22/22 14:01	1
Magnesium	4.9		0.50	0.050	mg/L		02/18/22 10:38	02/22/22 14:01	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		02/28/22 11:29	03/01/22 12:48	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	100		10	10	mg/L			02/17/22 17:39	1
Total Alkalinity as CaCO3 to pH 4.5	61		5.0	5.0	mg/L			02/22/22 17:54	1
Bicarbonate Alkalinity as CaCO3	61		5.0	5.0	mg/L			02/22/22 17:54	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/22/22 17:54	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.93				SU			02/14/22 11:00	1

Client Sample Results

Client: Southern Company
Project/Site: Scherer PAC Ash Cell

Job ID: 180-133780-1

Client Sample ID: GWA-49

Lab Sample ID: 180-133780-7

Date Collected: 02/14/22 13:38

Matrix: Water

Date Received: 02/16/22 16:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2.0		1.0	0.71	mg/L			02/18/22 21:11	1
Fluoride	0.070	J	0.10	0.026	mg/L			02/18/22 21:11	1
Sulfate	0.85	J	1.0	0.76	mg/L			02/18/22 21:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		02/18/22 10:38	02/22/22 14:03	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		02/18/22 10:38	02/22/22 14:03	1
Barium	0.022		0.010	0.0031	mg/L		02/18/22 10:38	02/22/22 14:03	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		02/18/22 10:38	02/22/22 14:03	1
Boron	<0.060		0.080	0.060	mg/L		02/18/22 10:38	02/22/22 14:03	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		02/18/22 10:38	02/22/22 14:03	1
Calcium	13		0.50	0.13	mg/L		02/18/22 10:38	02/22/22 14:03	1
Chromium	0.0076		0.0020	0.0015	mg/L		02/18/22 10:38	02/22/22 14:03	1
Cobalt	0.00039	J	0.0025	0.00026	mg/L		02/18/22 10:38	02/22/22 14:03	1
Copper	0.0014	J	0.0020	0.0011	mg/L		02/18/22 10:38	02/22/22 14:03	1
Lead	<0.00017		0.0010	0.00017	mg/L		02/18/22 10:38	02/22/22 14:03	1
Nickel	0.00088	J	0.0010	0.00052	mg/L		02/18/22 10:38	02/22/22 14:03	1
Selenium	<0.00074		0.0050	0.00074	mg/L		02/18/22 10:38	02/22/22 14:03	1
Silver	<0.00022		0.0010	0.00022	mg/L		02/18/22 10:38	02/22/22 14:03	1
Thallium	<0.00047		0.0010	0.00047	mg/L		02/18/22 10:38	02/22/22 14:03	1
Vanadium	0.020		0.0010	0.00078	mg/L		02/18/22 10:38	02/22/22 14:03	1
Zinc	<0.0029		0.0050	0.0029	mg/L		02/18/22 10:38	02/22/22 14:03	1
Sodium	5.7		0.50	0.18	mg/L		02/18/22 10:38	02/22/22 14:03	1
Potassium	0.85		0.50	0.16	mg/L		02/18/22 10:38	02/22/22 14:03	1
Magnesium	6.8		0.50	0.050	mg/L		02/18/22 10:38	02/22/22 14:03	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		02/28/22 11:29	03/01/22 12:52	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	110		10	10	mg/L			02/17/22 17:39	1
Total Alkalinity as CaCO3 to pH 4.5	77		5.0	5.0	mg/L			02/22/22 18:01	1
Bicarbonate Alkalinity as CaCO3	77		5.0	5.0	mg/L			02/22/22 18:01	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/22/22 18:01	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.10				SU			02/14/22 13:38	1

Client Sample Results

Client: Southern Company
Project/Site: Scherer PAC Ash Cell

Job ID: 180-133780-1

Client Sample ID: GWC-50

Lab Sample ID: 180-133780-8

Date Collected: 02/14/22 14:26

Matrix: Water

Date Received: 02/16/22 16:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.9		1.0	0.71	mg/L			02/18/22 21:25	1
Fluoride	0.057	J	0.10	0.026	mg/L			02/18/22 21:25	1
Sulfate	<0.76		1.0	0.76	mg/L			02/18/22 21:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		02/18/22 10:38	02/22/22 14:11	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		02/18/22 10:38	02/22/22 14:11	1
Barium	0.018		0.010	0.0031	mg/L		02/18/22 10:38	02/22/22 14:11	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		02/18/22 10:38	02/22/22 14:11	1
Boron	<0.060		0.080	0.060	mg/L		02/18/22 10:38	02/22/22 14:11	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		02/18/22 10:38	02/22/22 14:11	1
Calcium	6.5		0.50	0.13	mg/L		02/18/22 10:38	02/22/22 14:11	1
Chromium	0.0046		0.0020	0.0015	mg/L		02/18/22 10:38	02/22/22 14:11	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		02/18/22 10:38	02/22/22 14:11	1
Copper	0.0013	J	0.0020	0.0011	mg/L		02/18/22 10:38	02/22/22 14:11	1
Lead	0.00019	J	0.0010	0.00017	mg/L		02/18/22 10:38	02/22/22 14:11	1
Nickel	0.0026		0.0010	0.00052	mg/L		02/18/22 10:38	02/22/22 14:11	1
Selenium	<0.00074		0.0050	0.00074	mg/L		02/18/22 10:38	02/22/22 14:11	1
Silver	<0.00022		0.0010	0.00022	mg/L		02/18/22 10:38	02/22/22 14:11	1
Thallium	<0.00047		0.0010	0.00047	mg/L		02/18/22 10:38	02/22/22 14:11	1
Vanadium	0.0042		0.0010	0.00078	mg/L		02/18/22 10:38	02/22/22 14:11	1
Zinc	<0.0029		0.0050	0.0029	mg/L		02/18/22 10:38	02/22/22 14:11	1
Sodium	4.7		0.50	0.18	mg/L		02/18/22 10:38	02/22/22 14:11	1
Potassium	0.62		0.50	0.16	mg/L		02/18/22 10:38	02/22/22 14:11	1
Magnesium	3.2		0.50	0.050	mg/L		02/18/22 10:38	02/22/22 14:11	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		02/28/22 11:29	03/01/22 12:53	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	79		10	10	mg/L			02/17/22 17:39	1
Total Alkalinity as CaCO3 to pH 4.5	41		5.0	5.0	mg/L			02/22/22 18:08	1
Bicarbonate Alkalinity as CaCO3	41		5.0	5.0	mg/L			02/22/22 18:08	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/22/22 18:08	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	5.90				SU			02/14/22 14:26	1

Client Sample Results

Client: Southern Company
Project/Site: Scherer PAC Ash Cell

Job ID: 180-133780-1

Client Sample ID: GWC-52

Lab Sample ID: 180-133780-9

Date Collected: 02/14/22 14:05

Matrix: Water

Date Received: 02/16/22 16:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7.6		1.0	0.71	mg/L			02/18/22 21:38	1
Fluoride	0.055	J	0.10	0.026	mg/L			02/18/22 21:38	1
Sulfate	56		1.0	0.76	mg/L			02/18/22 21:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		02/18/22 10:38	02/22/22 14:14	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		02/18/22 10:38	02/22/22 14:14	1
Barium	0.021		0.010	0.0031	mg/L		02/18/22 10:38	02/22/22 14:14	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		02/18/22 10:38	02/22/22 14:14	1
Boron	<0.060		0.080	0.060	mg/L		02/18/22 10:38	02/22/22 14:14	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		02/18/22 10:38	02/22/22 14:14	1
Calcium	18		0.50	0.13	mg/L		02/18/22 10:38	02/22/22 14:14	1
Chromium	0.036		0.0020	0.0015	mg/L		02/18/22 10:38	02/22/22 14:14	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		02/18/22 10:38	02/22/22 14:14	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/18/22 10:38	02/22/22 14:14	1
Lead	<0.00017		0.0010	0.00017	mg/L		02/18/22 10:38	02/22/22 14:14	1
Nickel	<0.00052		0.0010	0.00052	mg/L		02/18/22 10:38	02/22/22 14:14	1
Selenium	<0.00074		0.0050	0.00074	mg/L		02/18/22 10:38	02/22/22 14:14	1
Silver	<0.00022		0.0010	0.00022	mg/L		02/18/22 10:38	02/22/22 14:14	1
Thallium	<0.00047		0.0010	0.00047	mg/L		02/18/22 10:38	02/22/22 14:14	1
Vanadium	0.011		0.0010	0.00078	mg/L		02/18/22 10:38	02/22/22 14:14	1
Zinc	<0.0029		0.0050	0.0029	mg/L		02/18/22 10:38	02/22/22 14:14	1
Sodium	7.7		0.50	0.18	mg/L		02/18/22 10:38	02/22/22 14:14	1
Potassium	1.4		0.50	0.16	mg/L		02/18/22 10:38	02/22/22 14:14	1
Magnesium	9.8		0.50	0.050	mg/L		02/18/22 10:38	02/22/22 14:14	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		02/28/22 11:29	03/01/22 12:54	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	150		10	10	mg/L			02/17/22 17:39	1
Total Alkalinity as CaCO3 to pH 4.5	44		5.0	5.0	mg/L			02/22/22 18:16	1
Bicarbonate Alkalinity as CaCO3	44		5.0	5.0	mg/L			02/22/22 18:16	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/22/22 18:16	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.79				SU			02/14/22 14:05	1

Client Sample Results

Client: Southern Company
Project/Site: Scherer PAC Ash Cell

Job ID: 180-133780-1

Client Sample ID: GWC-53

Lab Sample ID: 180-133780-10

Date Collected: 02/14/22 12:30

Matrix: Water

Date Received: 02/16/22 16:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12		1.0	0.71	mg/L			02/18/22 21:52	1
Fluoride	0.041	J	0.10	0.026	mg/L			02/18/22 21:52	1
Sulfate	150		1.0	0.76	mg/L			02/18/22 21:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		02/18/22 10:38	02/22/22 14:16	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		02/18/22 10:38	02/22/22 14:16	1
Barium	0.042		0.010	0.0031	mg/L		02/18/22 10:38	02/22/22 14:16	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		02/18/22 10:38	02/22/22 14:16	1
Boron	1.0		0.080	0.060	mg/L		02/18/22 10:38	02/22/22 14:16	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		02/18/22 10:38	02/22/22 14:16	1
Calcium	16		0.50	0.13	mg/L		02/18/22 10:38	02/22/22 14:16	1
Chromium	0.0018	J	0.0020	0.0015	mg/L		02/18/22 10:38	02/22/22 14:16	1
Cobalt	0.011		0.0025	0.00026	mg/L		02/18/22 10:38	02/22/22 14:16	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/18/22 10:38	02/22/22 14:16	1
Lead	<0.00017		0.0010	0.00017	mg/L		02/18/22 10:38	02/22/22 14:16	1
Nickel	0.0071		0.0010	0.00052	mg/L		02/18/22 10:38	02/22/22 14:16	1
Selenium	<0.00074		0.0050	0.00074	mg/L		02/18/22 10:38	02/22/22 14:16	1
Silver	<0.00022		0.0010	0.00022	mg/L		02/18/22 10:38	02/22/22 14:16	1
Thallium	<0.00047		0.0010	0.00047	mg/L		02/18/22 10:38	02/22/22 14:16	1
Vanadium	0.0014		0.0010	0.00078	mg/L		02/18/22 10:38	02/22/22 14:16	1
Zinc	0.014		0.0050	0.0029	mg/L		02/18/22 10:38	02/22/22 14:16	1
Sodium	47		0.50	0.18	mg/L		02/18/22 10:38	02/22/22 14:16	1
Potassium	1.6		0.50	0.16	mg/L		02/18/22 10:38	02/22/22 14:16	1
Magnesium	9.8		0.50	0.050	mg/L		02/18/22 10:38	02/22/22 14:16	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		02/28/22 11:29	03/01/22 12:55	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	280		10	10	mg/L			02/18/22 15:14	1
Total Alkalinity as CaCO3 to pH 4.5	7.8		5.0	5.0	mg/L			02/22/22 18:23	1
Bicarbonate Alkalinity as CaCO3	7.8		5.0	5.0	mg/L			02/22/22 18:23	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/22/22 18:23	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	5.65				SU			02/14/22 12:30	1

Client Sample Results

Client: Southern Company
Project/Site: Scherer PAC Ash Cell

Job ID: 180-133780-1

Client Sample ID: FB-4

Lab Sample ID: 180-133780-11

Date Collected: 02/14/22 15:15

Matrix: Water

Date Received: 02/16/22 16:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.71		1.0	0.71	mg/L			02/18/22 22:06	1
Fluoride	0.035	J	0.10	0.026	mg/L			02/18/22 22:06	1
Sulfate	0.85	J	1.0	0.76	mg/L			02/18/22 22:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		02/18/22 10:38	02/22/22 14:19	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		02/18/22 10:38	02/22/22 14:19	1
Barium	<0.0031		0.010	0.0031	mg/L		02/18/22 10:38	02/22/22 14:19	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		02/18/22 10:38	02/22/22 14:19	1
Boron	<0.060		0.080	0.060	mg/L		02/18/22 10:38	02/22/22 14:19	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		02/18/22 10:38	02/22/22 14:19	1
Calcium	<0.13		0.50	0.13	mg/L		02/18/22 10:38	02/22/22 14:19	1
Chromium	<0.0015		0.0020	0.0015	mg/L		02/18/22 10:38	02/22/22 14:19	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		02/18/22 10:38	02/22/22 14:19	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/18/22 10:38	02/22/22 14:19	1
Lead	<0.00017		0.0010	0.00017	mg/L		02/18/22 10:38	02/22/22 14:19	1
Nickel	<0.00052		0.0010	0.00052	mg/L		02/18/22 10:38	02/22/22 14:19	1
Selenium	<0.00074		0.0050	0.00074	mg/L		02/18/22 10:38	02/22/22 14:19	1
Silver	<0.00022		0.0010	0.00022	mg/L		02/18/22 10:38	02/22/22 14:19	1
Thallium	<0.00047		0.0010	0.00047	mg/L		02/18/22 10:38	02/22/22 14:19	1
Vanadium	<0.00078		0.0010	0.00078	mg/L		02/18/22 10:38	02/22/22 14:19	1
Zinc	<0.0029		0.0050	0.0029	mg/L		02/18/22 10:38	02/22/22 14:19	1
Sodium	<0.18		0.50	0.18	mg/L		02/18/22 10:38	02/22/22 14:19	1
Potassium	<0.16		0.50	0.16	mg/L		02/18/22 10:38	02/22/22 14:19	1
Magnesium	<0.050		0.50	0.050	mg/L		02/18/22 10:38	02/22/22 14:19	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		02/28/22 11:29	03/01/22 12:56	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			02/18/22 15:14	1
Total Alkalinity as CaCO3 to pH 4.5	<5.0		5.0	5.0	mg/L			02/22/22 19:04	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/22/22 19:04	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/22/22 19:04	1

Client Sample Results

Client: Southern Company
Project/Site: Scherer PAC Ash Cell

Job ID: 180-133780-1

Client Sample ID: FB-5

Lab Sample ID: 180-133780-12

Date Collected: 02/14/22 16:25

Matrix: Water

Date Received: 02/16/22 16:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.71		1.0	0.71	mg/L			02/18/22 22:47	1
Fluoride	0.037	J	0.10	0.026	mg/L			02/18/22 22:47	1
Sulfate	<0.76		1.0	0.76	mg/L			02/18/22 22:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		02/18/22 10:38	02/22/22 14:21	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		02/18/22 10:38	02/22/22 14:21	1
Barium	<0.0031		0.010	0.0031	mg/L		02/18/22 10:38	02/22/22 14:21	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		02/18/22 10:38	02/22/22 14:21	1
Boron	<0.060		0.080	0.060	mg/L		02/18/22 10:38	02/22/22 14:21	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		02/18/22 10:38	02/22/22 14:21	1
Calcium	<0.13		0.50	0.13	mg/L		02/18/22 10:38	02/22/22 14:21	1
Chromium	<0.0015		0.0020	0.0015	mg/L		02/18/22 10:38	02/22/22 14:21	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		02/18/22 10:38	02/22/22 14:21	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/18/22 10:38	02/22/22 14:21	1
Lead	<0.00017		0.0010	0.00017	mg/L		02/18/22 10:38	02/22/22 14:21	1
Nickel	<0.00052		0.0010	0.00052	mg/L		02/18/22 10:38	02/22/22 14:21	1
Selenium	<0.00074		0.0050	0.00074	mg/L		02/18/22 10:38	02/22/22 14:21	1
Silver	<0.00022		0.0010	0.00022	mg/L		02/18/22 10:38	02/22/22 14:21	1
Thallium	<0.00047		0.0010	0.00047	mg/L		02/18/22 10:38	02/22/22 14:21	1
Vanadium	<0.00078		0.0010	0.00078	mg/L		02/18/22 10:38	02/22/22 14:21	1
Zinc	<0.0029		0.0050	0.0029	mg/L		02/18/22 10:38	02/22/22 14:21	1
Sodium	<0.18		0.50	0.18	mg/L		02/18/22 10:38	02/22/22 14:21	1
Potassium	<0.16		0.50	0.16	mg/L		02/18/22 10:38	02/22/22 14:21	1
Magnesium	<0.050		0.50	0.050	mg/L		02/18/22 10:38	02/22/22 14:21	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		02/28/22 11:29	03/01/22 12:57	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			02/18/22 15:14	1
Total Alkalinity as CaCO3 to pH 4.5	<5.0		5.0	5.0	mg/L			02/22/22 19:15	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/22/22 19:15	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/22/22 19:15	1

Client Sample Results

Client: Southern Company
Project/Site: Scherer PAC Ash Cell

Job ID: 180-133780-1

Client Sample ID: EB-5

Lab Sample ID: 180-133780-13

Date Collected: 02/14/22 15:40

Matrix: Water

Date Received: 02/16/22 16:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.6		1.0	0.71	mg/L			02/18/22 23:00	1
Fluoride	<0.026		0.10	0.026	mg/L			02/18/22 23:00	1
Sulfate	2.2		1.0	0.76	mg/L			02/18/22 23:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		02/18/22 10:38	02/22/22 14:24	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		02/18/22 10:38	02/22/22 14:24	1
Barium	<0.0031		0.010	0.0031	mg/L		02/18/22 10:38	02/22/22 14:24	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		02/18/22 10:38	02/22/22 14:24	1
Boron	<0.060		0.080	0.060	mg/L		02/18/22 10:38	02/22/22 14:24	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		02/18/22 10:38	02/22/22 14:24	1
Calcium	<0.13		0.50	0.13	mg/L		02/18/22 10:38	02/22/22 14:24	1
Chromium	<0.0015		0.0020	0.0015	mg/L		02/18/22 10:38	02/22/22 14:24	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		02/18/22 10:38	02/22/22 14:24	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/18/22 10:38	02/22/22 14:24	1
Lead	<0.00017		0.0010	0.00017	mg/L		02/18/22 10:38	02/22/22 14:24	1
Nickel	<0.00052		0.0010	0.00052	mg/L		02/18/22 10:38	02/22/22 14:24	1
Selenium	<0.00074		0.0050	0.00074	mg/L		02/18/22 10:38	02/22/22 14:24	1
Silver	<0.00022		0.0010	0.00022	mg/L		02/18/22 10:38	02/22/22 14:24	1
Thallium	<0.00047		0.0010	0.00047	mg/L		02/18/22 10:38	02/22/22 14:24	1
Vanadium	<0.00078		0.0010	0.00078	mg/L		02/18/22 10:38	02/22/22 14:24	1
Zinc	<0.0029		0.0050	0.0029	mg/L		02/18/22 10:38	02/22/22 14:24	1
Sodium	<0.18		0.50	0.18	mg/L		02/18/22 10:38	02/22/22 14:24	1
Potassium	<0.16		0.50	0.16	mg/L		02/18/22 10:38	02/22/22 14:24	1
Magnesium	<0.050		0.50	0.050	mg/L		02/18/22 10:38	02/22/22 14:24	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		02/28/22 11:29	03/01/22 12:58	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			02/18/22 15:14	1
Total Alkalinity as CaCO3 to pH 4.5	<5.0		5.0	5.0	mg/L			02/22/22 19:20	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/22/22 19:20	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/22/22 19:20	1

Client Sample Results

Client: Southern Company
Project/Site: Scherer PAC Ash Cell

Job ID: 180-133780-1

Client Sample ID: EB-4

Lab Sample ID: 180-133780-14

Date Collected: 02/14/22 10:45

Matrix: Water

Date Received: 02/16/22 16:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.71		1.0	0.71	mg/L			02/18/22 23:14	1
Fluoride	0.059	J	0.10	0.026	mg/L			02/18/22 23:14	1
Sulfate	<0.76		1.0	0.76	mg/L			02/18/22 23:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		02/18/22 10:38	02/22/22 14:27	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		02/18/22 10:38	02/22/22 14:27	1
Barium	<0.0031		0.010	0.0031	mg/L		02/18/22 10:38	02/22/22 14:27	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		02/18/22 10:38	02/22/22 14:27	1
Boron	<0.060		0.080	0.060	mg/L		02/18/22 10:38	02/22/22 14:27	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		02/18/22 10:38	02/22/22 14:27	1
Calcium	<0.13		0.50	0.13	mg/L		02/18/22 10:38	02/22/22 14:27	1
Chromium	<0.0015		0.0020	0.0015	mg/L		02/18/22 10:38	02/22/22 14:27	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		02/18/22 10:38	02/22/22 14:27	1
Copper	0.0018	J	0.0020	0.0011	mg/L		02/18/22 10:38	02/22/22 14:27	1
Lead	<0.00017		0.0010	0.00017	mg/L		02/18/22 10:38	02/22/22 14:27	1
Nickel	0.0011		0.0010	0.00052	mg/L		02/18/22 10:38	02/22/22 14:27	1
Selenium	<0.00074		0.0050	0.00074	mg/L		02/18/22 10:38	02/22/22 14:27	1
Silver	<0.00022		0.0010	0.00022	mg/L		02/18/22 10:38	02/22/22 14:27	1
Thallium	<0.00047		0.0010	0.00047	mg/L		02/18/22 10:38	02/22/22 14:27	1
Vanadium	<0.00078		0.0010	0.00078	mg/L		02/18/22 10:38	02/22/22 14:27	1
Zinc	<0.0029		0.0050	0.0029	mg/L		02/18/22 10:38	02/22/22 14:27	1
Sodium	<0.18		0.50	0.18	mg/L		02/18/22 10:38	02/22/22 14:27	1
Potassium	<0.16		0.50	0.16	mg/L		02/18/22 10:38	02/22/22 14:27	1
Magnesium	<0.050		0.50	0.050	mg/L		02/18/22 10:38	02/22/22 14:27	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		02/28/22 11:29	03/01/22 12:59	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			02/18/22 15:14	1
Total Alkalinity as CaCO3 to pH 4.5	<5.0		5.0	5.0	mg/L			02/22/22 19:25	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/22/22 19:25	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/22/22 19:25	1

Client Sample Results

Client: Southern Company
Project/Site: Scherer PAC Ash Cell

Job ID: 180-133780-1

Client Sample ID: DUP-4

Lab Sample ID: 180-133780-15

Date Collected: 02/14/22 00:01

Matrix: Water

Date Received: 02/16/22 16:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2.0		1.0	0.71	mg/L			02/19/22 00:49	1
Fluoride	0.059	J	0.10	0.026	mg/L			02/19/22 00:49	1
Sulfate	<0.76		1.0	0.76	mg/L			02/19/22 00:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		02/18/22 10:40	02/22/22 13:47	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		02/18/22 10:40	02/22/22 13:47	1
Barium	0.017		0.010	0.0031	mg/L		02/18/22 10:40	02/22/22 13:47	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		02/18/22 10:40	02/22/22 13:47	1
Boron	<0.060		0.080	0.060	mg/L		02/18/22 10:40	02/22/22 13:47	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		02/18/22 10:40	02/22/22 13:47	1
Calcium	7.5		0.50	0.13	mg/L		02/18/22 10:40	02/22/22 13:47	1
Chromium	0.0041		0.0020	0.0015	mg/L		02/18/22 10:40	02/22/22 13:47	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		02/18/22 10:40	02/22/22 13:47	1
Copper	0.0013	J	0.0020	0.0011	mg/L		02/18/22 10:40	02/22/22 13:47	1
Lead	0.00017	J	0.0010	0.00017	mg/L		02/18/22 10:40	02/22/22 13:47	1
Nickel	0.0029	B	0.0010	0.00052	mg/L		02/18/22 10:40	02/22/22 13:47	1
Selenium	<0.00074		0.0050	0.00074	mg/L		02/18/22 10:40	02/22/22 13:47	1
Silver	<0.00022		0.0010	0.00022	mg/L		02/18/22 10:40	02/22/22 13:47	1
Thallium	<0.00047		0.0010	0.00047	mg/L		02/18/22 10:40	02/22/22 13:47	1
Vanadium	0.0039		0.0010	0.00078	mg/L		02/18/22 10:40	02/22/22 13:47	1
Zinc	<0.0029		0.0050	0.0029	mg/L		02/18/22 10:40	02/22/22 13:47	1
Sodium	5.0		0.50	0.18	mg/L		02/18/22 10:40	02/22/22 13:47	1
Potassium	0.63		0.50	0.16	mg/L		02/18/22 10:40	02/22/22 13:47	1
Magnesium	3.6		0.50	0.050	mg/L		02/18/22 10:40	02/22/22 13:47	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		02/28/22 11:29	03/01/22 13:00	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	62		10	10	mg/L			02/18/22 15:14	1
Total Alkalinity as CaCO3 to pH 4.5	42		5.0	5.0	mg/L			02/22/22 19:31	1
Bicarbonate Alkalinity as CaCO3	42		5.0	5.0	mg/L			02/22/22 19:31	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/22/22 19:31	1

Client Sample Results

Client: Southern Company
Project/Site: Scherer PAC Ash Cell

Job ID: 180-133780-1

Client Sample ID: DUP-5

Lab Sample ID: 180-133780-16

Date Collected: 02/14/22 00:01

Matrix: Water

Date Received: 02/16/22 16:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13		1.0	0.71	mg/L			02/19/22 01:30	1
Fluoride	0.048	J	0.10	0.026	mg/L			02/19/22 01:30	1
Sulfate	170		1.0	0.76	mg/L			02/19/22 01:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		02/18/22 10:40	02/22/22 13:51	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		02/18/22 10:40	02/22/22 13:51	1
Barium	0.040		0.010	0.0031	mg/L		02/18/22 10:40	02/22/22 13:51	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		02/18/22 10:40	02/22/22 13:51	1
Boron	0.93		0.080	0.060	mg/L		02/18/22 10:40	02/22/22 13:51	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		02/18/22 10:40	02/22/22 13:51	1
Calcium	18		0.50	0.13	mg/L		02/18/22 10:40	02/22/22 13:51	1
Chromium	0.0027		0.0020	0.0015	mg/L		02/18/22 10:40	02/22/22 13:51	1
Cobalt	0.011		0.0025	0.00026	mg/L		02/18/22 10:40	02/22/22 13:51	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/18/22 10:40	02/22/22 13:51	1
Lead	<0.00017		0.0010	0.00017	mg/L		02/18/22 10:40	02/22/22 13:51	1
Nickel	0.0074	B	0.0010	0.00052	mg/L		02/18/22 10:40	02/22/22 13:51	1
Selenium	<0.00074		0.0050	0.00074	mg/L		02/18/22 10:40	02/22/22 13:51	1
Silver	<0.00022		0.0010	0.00022	mg/L		02/18/22 10:40	02/22/22 13:51	1
Thallium	<0.00047		0.0010	0.00047	mg/L		02/18/22 10:40	02/22/22 13:51	1
Vanadium	0.0016		0.0010	0.00078	mg/L		02/18/22 10:40	02/22/22 13:51	1
Zinc	0.014		0.0050	0.0029	mg/L		02/18/22 10:40	02/22/22 13:51	1
Sodium	51		0.50	0.18	mg/L		02/18/22 10:40	02/22/22 13:51	1
Potassium	1.5		0.50	0.16	mg/L		02/18/22 10:40	02/22/22 13:51	1
Magnesium	11		0.50	0.050	mg/L		02/18/22 10:40	02/22/22 13:51	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		02/28/22 11:29	03/01/22 13:01	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	270		10	10	mg/L			02/18/22 15:14	1
Total Alkalinity as CaCO3 to pH 4.5	8.1		5.0	5.0	mg/L			02/22/22 19:38	1
Bicarbonate Alkalinity as CaCO3	8.1		5.0	5.0	mg/L			02/22/22 19:38	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/22/22 19:38	1

Client Sample Results

Client: Southern Company
Project/Site: Scherer PAC Ash Cell

Job ID: 180-133780-1

Client Sample ID: GWA-22

Lab Sample ID: 180-133870-1

Date Collected: 02/15/22 10:30

Matrix: Water

Date Received: 02/17/22 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.8		1.0	0.71	mg/L			02/20/22 18:52	1
Fluoride	0.088	J	0.10	0.026	mg/L			02/20/22 18:52	1
Sulfate	0.87	J	1.0	0.76	mg/L			02/20/22 18:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		02/19/22 10:32	02/22/22 15:46	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		02/19/22 10:32	02/22/22 15:46	1
Barium	0.032		0.010	0.0031	mg/L		02/19/22 10:32	02/22/22 15:46	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		02/19/22 10:32	02/22/22 15:46	1
Boron	<0.060		0.080	0.060	mg/L		02/19/22 10:32	02/22/22 15:46	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		02/19/22 10:32	02/22/22 15:46	1
Calcium	9.6		0.50	0.13	mg/L		02/19/22 10:32	02/22/22 15:46	1
Chromium	0.013		0.0020	0.0015	mg/L		02/19/22 10:32	02/22/22 15:46	1
Cobalt	0.00054	J	0.0025	0.00026	mg/L		02/19/22 10:32	02/22/22 15:46	1
Copper	0.0015	J	0.0020	0.0011	mg/L		02/19/22 10:32	02/22/22 15:46	1
Lead	0.00025	J	0.0010	0.00017	mg/L		02/19/22 10:32	02/22/22 15:46	1
Nickel	0.0014		0.0010	0.00052	mg/L		02/19/22 10:32	02/22/22 15:46	1
Selenium	<0.00074		0.0050	0.00074	mg/L		02/19/22 10:32	02/22/22 15:46	1
Silver	<0.00022		0.0010	0.00022	mg/L		02/19/22 10:32	02/22/22 15:46	1
Thallium	<0.00047		0.0010	0.00047	mg/L		02/19/22 10:32	02/22/22 15:46	1
Vanadium	0.0083		0.0010	0.00078	mg/L		02/19/22 10:32	02/22/22 15:46	1
Zinc	0.0030	J	0.0050	0.0029	mg/L		02/19/22 10:32	02/22/22 15:46	1
Sodium	4.6		0.50	0.18	mg/L		02/19/22 10:32	02/22/22 15:46	1
Potassium	1.0		0.50	0.16	mg/L		02/19/22 10:32	02/22/22 15:46	1
Magnesium	4.7		0.50	0.050	mg/L		02/19/22 10:32	02/22/22 15:46	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		02/28/22 11:26	03/01/22 17:04	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	85		10	10	mg/L			02/21/22 13:57	1
Total Alkalinity as CaCO3 to pH 4.5	59		5.0	5.0	mg/L			02/23/22 02:05	1
Bicarbonate Alkalinity as CaCO3	59		5.0	5.0	mg/L			02/23/22 02:05	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/23/22 02:05	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.40				SU			02/15/22 10:30	1

Client Sample Results

Client: Southern Company
Project/Site: Scherer PAC Ash Cell

Job ID: 180-133780-1

Client Sample ID: GWC-51

Lab Sample ID: 180-133870-2

Date Collected: 02/15/22 11:59

Matrix: Water

Date Received: 02/17/22 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7.6		1.0	0.71	mg/L			02/20/22 19:05	1
Fluoride	0.060	J	0.10	0.026	mg/L			02/20/22 19:05	1
Sulfate	1.8		1.0	0.76	mg/L			02/20/22 19:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		02/19/22 10:32	02/22/22 15:48	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		02/19/22 10:32	02/22/22 15:48	1
Barium	0.011		0.010	0.0031	mg/L		02/19/22 10:32	02/22/22 15:48	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		02/19/22 10:32	02/22/22 15:48	1
Boron	<0.060		0.080	0.060	mg/L		02/19/22 10:32	02/22/22 15:48	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		02/19/22 10:32	02/22/22 15:48	1
Calcium	6.4		0.50	0.13	mg/L		02/19/22 10:32	02/22/22 15:48	1
Chromium	0.0054		0.0020	0.0015	mg/L		02/19/22 10:32	02/22/22 15:48	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		02/19/22 10:32	02/22/22 15:48	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/19/22 10:32	02/22/22 15:48	1
Lead	<0.00017		0.0010	0.00017	mg/L		02/19/22 10:32	02/22/22 15:48	1
Nickel	0.0024		0.0010	0.00052	mg/L		02/19/22 10:32	02/22/22 15:48	1
Selenium	<0.00074		0.0050	0.00074	mg/L		02/19/22 10:32	02/22/22 15:48	1
Silver	<0.00022		0.0010	0.00022	mg/L		02/19/22 10:32	02/22/22 15:48	1
Thallium	<0.00047		0.0010	0.00047	mg/L		02/19/22 10:32	02/22/22 15:48	1
Vanadium	0.0049		0.0010	0.00078	mg/L		02/19/22 10:32	02/22/22 15:48	1
Zinc	<0.0029		0.0050	0.0029	mg/L		02/19/22 10:32	02/22/22 15:48	1
Sodium	3.9		0.50	0.18	mg/L		02/19/22 10:32	02/22/22 15:48	1
Potassium	0.44	J	0.50	0.16	mg/L		02/19/22 10:32	02/22/22 15:48	1
Magnesium	4.5		0.50	0.050	mg/L		02/19/22 10:32	02/22/22 15:48	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		02/28/22 11:26	03/01/22 17:05	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	67		10	10	mg/L			02/21/22 13:57	1
Total Alkalinity as CaCO3 to pH 4.5	36		5.0	5.0	mg/L			02/23/22 03:10	1
Bicarbonate Alkalinity as CaCO3	36		5.0	5.0	mg/L			02/23/22 03:10	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/23/22 03:10	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.02				SU			02/15/22 11:59	1

QC Sample Results

Client: Southern Company
Project/Site: Scherer PAC Ash Cell

Job ID: 180-133780-1

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

Lab Sample ID: MB 180-388730/46
Matrix: Water
Analysis Batch: 388730

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

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Chloride	<0.71		1.0	0.71	mg/L			02/18/22 23:41	1
Fluoride	<0.026		0.10	0.026	mg/L			02/18/22 23:41	1
Sulfate	<0.76		1.0	0.76	mg/L			02/18/22 23:41	1

Lab Sample ID: MB 180-388730/7
Matrix: Water
Analysis Batch: 388730

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

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Chloride	<0.71		1.0	0.71	mg/L			02/18/22 10:38	1
Fluoride	<0.026		0.10	0.026	mg/L			02/18/22 10:38	1
Sulfate	<0.76		1.0	0.76	mg/L			02/18/22 10:38	1

Lab Sample ID: LCS 180-388730/45
Matrix: Water
Analysis Batch: 388730

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

Analyte	Spike Added	LCS Result	LCS	Unit	D	%Rec	%Rec. Limits
			Qualifier				
Chloride	50.0	48.9		mg/L		98	90 - 110
Fluoride	2.50	2.58		mg/L		103	90 - 110
Sulfate	50.0	48.9		mg/L		98	90 - 110

Lab Sample ID: LCS 180-388730/6
Matrix: Water
Analysis Batch: 388730

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

Analyte	Spike Added	LCS Result	LCS	Unit	D	%Rec	%Rec. Limits
			Qualifier				
Chloride	50.0	49.1		mg/L		98	90 - 110
Fluoride	2.50	2.59		mg/L		104	90 - 110
Sulfate	50.0	49.1		mg/L		98	90 - 110

Lab Sample ID: 180-133780-1 MS
Matrix: Water
Analysis Batch: 388730

Client Sample ID: GWA-21
Prep Type: Total/NA

Analyte	Sample	Sample	Spike Added	MS	MS	Unit	D	%Rec	%Rec. Limits
	Result	Qualifier		Result	Qualifier				
Chloride	4.0		50.0	56.0		mg/L		104	90 - 110
Fluoride	0.058	J	2.50	2.74		mg/L		107	90 - 110
Sulfate	1.0		50.0	53.3		mg/L		105	90 - 110

Lab Sample ID: 180-133780-1 MSD
Matrix: Water
Analysis Batch: 388730

Client Sample ID: GWA-21
Prep Type: Total/NA

Analyte	Sample	Sample	Spike Added	MSD	MSD	Unit	D	%Rec	%Rec. Limits	RPD	Limit
	Result	Qualifier		Result	Qualifier						
Chloride	4.0		50.0	56.3		mg/L		105	90 - 110	0	20
Fluoride	0.058	J	2.50	2.77		mg/L		108	90 - 110	1	20
Sulfate	1.0		50.0	53.3		mg/L		105	90 - 110	0	20

QC Sample Results

Client: Southern Company
Project/Site: Scherer PAC Ash Cell

Job ID: 180-133780-1

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

Lab Sample ID: MB 180-388878/41
Matrix: Water
Analysis Batch: 388878

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

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Chloride	<0.71		1.0	0.71	mg/L			02/20/22 17:16	1
Fluoride	<0.026		0.10	0.026	mg/L			02/20/22 17:16	1
Sulfate	<0.76		1.0	0.76	mg/L			02/20/22 17:16	1

Lab Sample ID: LCS 180-388878/40
Matrix: Water
Analysis Batch: 388878

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

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec. Limits
		Result	Qualifier				
Chloride	50.0	51.2		mg/L		102	90 - 110
Fluoride	2.50	2.69		mg/L		108	90 - 110
Sulfate	50.0	51.1		mg/L		102	90 - 110

Lab Sample ID: 180-133869-A-15 MS
Matrix: Water
Analysis Batch: 388878

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

Analyte	Sample	Sample	Spike Added	MS	MS	Unit	D	%Rec	%Rec. Limits
	Result	Qualifier		Result	Qualifier				
Chloride	<0.71		50.0	48.2		mg/L		96	90 - 110
Fluoride	<0.026		2.50	2.52		mg/L		101	90 - 110
Sulfate	<0.76		50.0	48.5		mg/L		97	90 - 110

Lab Sample ID: 180-133869-A-15 MSD
Matrix: Water
Analysis Batch: 388878

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

Analyte	Sample	Sample	Spike Added	MSD	MSD	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
	Result	Qualifier		Result	Qualifier						
Chloride	<0.71		50.0	48.9		mg/L		98	90 - 110	1	20
Fluoride	<0.026		2.50	2.56		mg/L		103	90 - 110	2	20
Sulfate	<0.76		50.0	51.6		mg/L		103	90 - 110	6	20

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

Lab Sample ID: MB 180-388752/1-A
Matrix: Water
Analysis Batch: 389213

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 388752

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Antimony	<0.00051		0.0020	0.00051	mg/L		02/18/22 10:38	02/22/22 13:02	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		02/18/22 10:38	02/22/22 13:02	1
Barium	<0.0031		0.010	0.0031	mg/L		02/18/22 10:38	02/22/22 13:02	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		02/18/22 10:38	02/22/22 13:02	1
Boron	<0.060		0.080	0.060	mg/L		02/18/22 10:38	02/22/22 13:02	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		02/18/22 10:38	02/22/22 13:02	1
Calcium	<0.13		0.50	0.13	mg/L		02/18/22 10:38	02/22/22 13:02	1
Chromium	<0.0015		0.0020	0.0015	mg/L		02/18/22 10:38	02/22/22 13:02	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		02/18/22 10:38	02/22/22 13:02	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/18/22 10:38	02/22/22 13:02	1
Lead	<0.00017		0.0010	0.00017	mg/L		02/18/22 10:38	02/22/22 13:02	1
Nickel	<0.00052		0.0010	0.00052	mg/L		02/18/22 10:38	02/22/22 13:02	1

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QC Sample Results

Client: Southern Company
Project/Site: Scherer PAC Ash Cell

Job ID: 180-133780-1

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

Lab Sample ID: MB 180-388752/1-A
Matrix: Water
Analysis Batch: 389213

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 388752

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Selenium	<0.00074		0.0050	0.00074	mg/L		02/18/22 10:38	02/22/22 13:02	1
Silver	<0.00022		0.0010	0.00022	mg/L		02/18/22 10:38	02/22/22 13:02	1
Thallium	<0.00047		0.0010	0.00047	mg/L		02/18/22 10:38	02/22/22 13:02	1
Vanadium	<0.00078		0.0010	0.00078	mg/L		02/18/22 10:38	02/22/22 13:02	1
Zinc	<0.0029		0.0050	0.0029	mg/L		02/18/22 10:38	02/22/22 13:02	1
Sodium	<0.18		0.50	0.18	mg/L		02/18/22 10:38	02/22/22 13:02	1
Potassium	<0.16		0.50	0.16	mg/L		02/18/22 10:38	02/22/22 13:02	1
Magnesium	<0.050		0.50	0.050	mg/L		02/18/22 10:38	02/22/22 13:02	1

Lab Sample ID: LCS 180-388752/2-A
Matrix: Water
Analysis Batch: 389213

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 388752

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	1.00	1.01		mg/L		101	80 - 120
Barium	1.00	1.07		mg/L		107	80 - 120
Beryllium	0.500	0.517		mg/L		103	80 - 120
Boron	1.25	1.28		mg/L		102	80 - 120
Cadmium	0.500	0.544		mg/L		109	80 - 120
Calcium	25.0	26.0		mg/L		104	80 - 120
Chromium	0.500	0.531		mg/L		106	80 - 120
Cobalt	0.500	0.500		mg/L		100	80 - 120
Copper	0.500	0.495		mg/L		99	80 - 120
Lead	0.500	0.531		mg/L		106	80 - 120
Nickel	0.500	0.513		mg/L		103	80 - 120
Selenium	1.00	1.04		mg/L		104	80 - 120
Silver	0.250	0.269		mg/L		107	80 - 120
Thallium	1.00	1.07		mg/L		107	80 - 120
Vanadium	0.500	0.537		mg/L		107	80 - 120
Zinc	0.250	0.249		mg/L		100	80 - 120
Sodium	25.0	24.4		mg/L		98	80 - 120
Potassium	25.0	26.6		mg/L		106	80 - 120
Magnesium	25.0	24.0		mg/L		96	80 - 120

Lab Sample ID: 180-133738-E-1-B MS
Matrix: Water
Analysis Batch: 389213

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 388752

Analyte	Sample	Sample	Spike Added	MS	MS	Unit	D	%Rec	%Rec. Limits
	Result	Qualifier		Result	Qualifier				
Antimony	<0.00051		0.250	0.259		mg/L		104	75 - 125
Arsenic	0.0014		1.00	1.03		mg/L		103	75 - 125
Barium	0.041		1.00	1.12		mg/L		108	75 - 125
Beryllium	<0.00027		0.500	0.481		mg/L		96	75 - 125
Boron	0.16		1.25	1.38		mg/L		97	75 - 125
Cadmium	0.00041	J	0.500	0.534		mg/L		107	75 - 125
Calcium	83		25.0	111		mg/L		112	75 - 125
Chromium	<0.0015		0.500	0.513		mg/L		103	75 - 125
Cobalt	0.029		0.500	0.536		mg/L		101	75 - 125

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QC Sample Results

Client: Southern Company
Project/Site: Scherer PAC Ash Cell

Job ID: 180-133780-1

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

Lab Sample ID: 180-133738-E-1-B MS
Matrix: Water
Analysis Batch: 389213

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 388752

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.	
	Result	Qualifier	Added	Result	Qualifier				Limits	RPD
Copper	0.0046		0.500	0.495		mg/L		98	75 - 125	
Lead	0.00038	J	0.500	0.543		mg/L		108	75 - 125	
Nickel	0.016		0.500	0.526		mg/L		102	75 - 125	
Selenium	<0.00074		1.00	1.03		mg/L		103	75 - 125	
Silver	<0.00022		0.250	0.266		mg/L		106	75 - 125	
Thallium	<0.00047		1.00	1.08		mg/L		108	75 - 125	
Vanadium	<0.00078		0.500	0.536		mg/L		107	75 - 125	
Zinc	0.087		0.250	0.330		mg/L		97	75 - 125	
Sodium	160		25.0	183	4	mg/L		104	75 - 125	
Potassium	11		25.0	36.7		mg/L		104	75 - 125	
Magnesium	17		25.0	41.3		mg/L		97	75 - 125	

Lab Sample ID: 180-133738-E-1-C MSD
Matrix: Water
Analysis Batch: 389213

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 388752

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.		RPD	
	Result	Qualifier	Added	Result	Qualifier				Limits	RPD	Limit	
Antimony	<0.00051		0.250	0.248		mg/L		99	75 - 125	4	20	
Arsenic	0.0014		1.00	1.00		mg/L		100	75 - 125	3	20	
Barium	0.041		1.00	1.08		mg/L		104	75 - 125	3	20	
Beryllium	<0.00027		0.500	0.505		mg/L		101	75 - 125	5	20	
Boron	0.16		1.25	1.41		mg/L		100	75 - 125	2	20	
Cadmium	0.00041	J	0.500	0.519		mg/L		104	75 - 125	3	20	
Calcium	83		25.0	107		mg/L		96	75 - 125	4	20	
Chromium	<0.0015		0.500	0.504		mg/L		101	75 - 125	2	20	
Cobalt	0.029		0.500	0.529		mg/L		100	75 - 125	1	20	
Copper	0.0046		0.500	0.486		mg/L		96	75 - 125	2	20	
Lead	0.00038	J	0.500	0.528		mg/L		105	75 - 125	3	20	
Nickel	0.016		0.500	0.515		mg/L		100	75 - 125	2	20	
Selenium	<0.00074		1.00	0.991		mg/L		99	75 - 125	4	20	
Silver	<0.00022		0.250	0.252		mg/L		101	75 - 125	5	20	
Thallium	<0.00047		1.00	1.04		mg/L		104	75 - 125	3	20	
Vanadium	<0.00078		0.500	0.525		mg/L		105	75 - 125	2	20	
Zinc	0.087		0.250	0.319		mg/L		93	75 - 125	4	20	
Sodium	160		25.0	179	4	mg/L		88	75 - 125	2	20	
Potassium	11		25.0	35.0		mg/L		97	75 - 125	5	20	
Magnesium	17		25.0	40.4		mg/L		93	75 - 125	2	20	

Lab Sample ID: MB 180-388754/1-A
Matrix: Water
Analysis Batch: 389218

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 388754

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
	Result	Qualifier								
Antimony	<0.00051		0.0020	0.00051	mg/L		02/18/22 10:40	02/22/22 13:18		1
Arsenic	<0.00028		0.0010	0.00028	mg/L		02/18/22 10:40	02/22/22 13:18		1
Barium	<0.0031		0.010	0.0031	mg/L		02/18/22 10:40	02/22/22 13:18		1
Beryllium	<0.00027		0.0025	0.00027	mg/L		02/18/22 10:40	02/22/22 13:18		1
Boron	<0.060		0.080	0.060	mg/L		02/18/22 10:40	02/22/22 13:18		1
Cadmium	<0.00022		0.0025	0.00022	mg/L		02/18/22 10:40	02/22/22 13:18		1

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QC Sample Results

Client: Southern Company
Project/Site: Scherer PAC Ash Cell

Job ID: 180-133780-1

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

Lab Sample ID: MB 180-388754/1-A
Matrix: Water
Analysis Batch: 389218

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 388754

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	<0.13		0.50	0.13	mg/L		02/18/22 10:40	02/22/22 13:18	1
Chromium	<0.0015		0.0020	0.0015	mg/L		02/18/22 10:40	02/22/22 13:18	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		02/18/22 10:40	02/22/22 13:18	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/18/22 10:40	02/22/22 13:18	1
Lead	<0.00017		0.0010	0.00017	mg/L		02/18/22 10:40	02/22/22 13:18	1
Nickel	0.000675	J	0.0010	0.00052	mg/L		02/18/22 10:40	02/22/22 13:18	1
Selenium	<0.00074		0.0050	0.00074	mg/L		02/18/22 10:40	02/22/22 13:18	1
Silver	<0.00022		0.0010	0.00022	mg/L		02/18/22 10:40	02/22/22 13:18	1
Thallium	<0.00047		0.0010	0.00047	mg/L		02/18/22 10:40	02/22/22 13:18	1
Vanadium	<0.00078		0.0010	0.00078	mg/L		02/18/22 10:40	02/22/22 13:18	1
Zinc	<0.0029		0.0050	0.0029	mg/L		02/18/22 10:40	02/22/22 13:18	1
Sodium	<0.18		0.50	0.18	mg/L		02/18/22 10:40	02/22/22 13:18	1
Potassium	<0.16		0.50	0.16	mg/L		02/18/22 10:40	02/22/22 13:18	1
Magnesium	<0.050		0.50	0.050	mg/L		02/18/22 10:40	02/22/22 13:18	1

Lab Sample ID: LCS 180-388754/2-A
Matrix: Water
Analysis Batch: 389218

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 388754

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	0.250	0.250		mg/L		100	80 - 120
Arsenic	1.00	1.00		mg/L		100	80 - 120
Barium	1.00	1.02		mg/L		102	80 - 120
Beryllium	0.500	0.512		mg/L		102	80 - 120
Boron	1.25	1.20		mg/L		96	80 - 120
Cadmium	0.500	0.514		mg/L		103	80 - 120
Calcium	25.0	27.6		mg/L		110	80 - 120
Chromium	0.500	0.505		mg/L		101	80 - 120
Cobalt	0.500	0.508		mg/L		102	80 - 120
Copper	0.500	0.488		mg/L		98	80 - 120
Lead	0.500	0.509		mg/L		102	80 - 120
Nickel	0.500	0.510		mg/L		102	80 - 120
Selenium	1.00	1.00		mg/L		100	80 - 120
Silver	0.250	0.251		mg/L		100	80 - 120
Thallium	1.00	1.02		mg/L		102	80 - 120
Vanadium	0.500	0.501		mg/L		100	80 - 120
Zinc	0.250	0.247		mg/L		99	80 - 120
Sodium	25.0	26.0		mg/L		104	80 - 120
Potassium	25.0	26.2		mg/L		105	80 - 120
Magnesium	25.0	25.5		mg/L		102	80 - 120

Lab Sample ID: 180-133800-E-3-B MS
Matrix: Water
Analysis Batch: 389218

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 388754

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	<0.00051		0.250	0.253		mg/L		101	75 - 125
Arsenic	0.00042	J	1.00	1.05		mg/L		105	75 - 125
Barium	0.040		1.00	1.09		mg/L		105	75 - 125

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QC Sample Results

Client: Southern Company
Project/Site: Scherer PAC Ash Cell

Job ID: 180-133780-1

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

Lab Sample ID: 180-133800-E-3-B MS
Matrix: Water
Analysis Batch: 389218

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 388754

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.	
	Result	Qualifier	Added	Result	Qualifier				Limits	
Beryllium	0.00066	J	0.500	0.521		mg/L		104	75 - 125	
Boron	0.076	J	1.25	1.26		mg/L		95	75 - 125	
Cadmium	0.00065	J	0.500	0.533		mg/L		106	75 - 125	
Calcium	20		25.0	48.4		mg/L		115	75 - 125	
Chromium	<0.0015		0.500	0.516		mg/L		103	75 - 125	
Cobalt	0.0076		0.500	0.532		mg/L		105	75 - 125	
Copper	0.058		0.500	0.565		mg/L		101	75 - 125	
Lead	0.00049	J	0.500	0.523		mg/L		105	75 - 125	
Nickel	0.011	B	0.500	0.536		mg/L		105	75 - 125	
Selenium	0.0010	J	1.00	1.03		mg/L		102	75 - 125	
Silver	<0.00022		0.250	0.254		mg/L		102	75 - 125	
Thallium	<0.00047		1.00	1.05		mg/L		105	75 - 125	
Vanadium	<0.00078		0.500	0.513		mg/L		103	75 - 125	
Zinc	0.14		0.250	0.389		mg/L		101	75 - 125	
Sodium	12		25.0	36.6		mg/L		99	75 - 125	
Potassium	1.9		25.0	27.8		mg/L		103	75 - 125	
Magnesium	4.1		25.0	29.6		mg/L		102	75 - 125	

Lab Sample ID: 180-133800-E-3-C MSD
Matrix: Water
Analysis Batch: 389218

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 388754

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.		RPD	
	Result	Qualifier	Added	Result	Qualifier				Limits	RPD	Limit	
Antimony	<0.00051		0.250	0.244		mg/L		98	75 - 125	4	20	
Arsenic	0.00042	J	1.00	1.01		mg/L		101	75 - 125	4	20	
Barium	0.040		1.00	1.04		mg/L		100	75 - 125	4	20	
Beryllium	0.00066	J	0.500	0.501		mg/L		100	75 - 125	4	20	
Boron	0.076	J	1.25	1.29		mg/L		97	75 - 125	3	20	
Cadmium	0.00065	J	0.500	0.509		mg/L		102	75 - 125	5	20	
Calcium	20		25.0	46.7		mg/L		108	75 - 125	4	20	
Chromium	<0.0015		0.500	0.499		mg/L		100	75 - 125	3	20	
Cobalt	0.0076		0.500	0.514		mg/L		101	75 - 125	3	20	
Copper	0.058		0.500	0.543		mg/L		97	75 - 125	4	20	
Lead	0.00049	J	0.500	0.508		mg/L		101	75 - 125	3	20	
Nickel	0.011	B	0.500	0.517		mg/L		101	75 - 125	4	20	
Selenium	0.0010	J	1.00	0.983		mg/L		98	75 - 125	4	20	
Silver	<0.00022		0.250	0.248		mg/L		99	75 - 125	2	20	
Thallium	<0.00047		1.00	1.02		mg/L		102	75 - 125	3	20	
Vanadium	<0.00078		0.500	0.500		mg/L		100	75 - 125	3	20	
Zinc	0.14		0.250	0.379		mg/L		97	75 - 125	3	20	
Sodium	12		25.0	36.3		mg/L		98	75 - 125	1	20	
Potassium	1.9		25.0	27.4		mg/L		102	75 - 125	1	20	
Magnesium	4.1		25.0	29.1		mg/L		100	75 - 125	2	20	

QC Sample Results

Client: Southern Company
Project/Site: Scherer PAC Ash Cell

Job ID: 180-133780-1

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

Lab Sample ID: MB 180-388851/1-A
Matrix: Water
Analysis Batch: 389213

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 388851

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Antimony	<0.00051		0.0020	0.00051	mg/L		02/19/22 10:32	02/22/22 16:52	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		02/19/22 10:32	02/22/22 16:52	1
Barium	<0.0031		0.010	0.0031	mg/L		02/19/22 10:32	02/22/22 16:52	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		02/19/22 10:32	02/22/22 16:52	1
Boron	<0.060		0.080	0.060	mg/L		02/19/22 10:32	02/22/22 16:52	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		02/19/22 10:32	02/22/22 16:52	1
Calcium	<0.13		0.50	0.13	mg/L		02/19/22 10:32	02/22/22 16:52	1
Chromium	<0.0015		0.0020	0.0015	mg/L		02/19/22 10:32	02/22/22 16:52	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		02/19/22 10:32	02/22/22 16:52	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/19/22 10:32	02/22/22 16:52	1
Lead	<0.00017		0.0010	0.00017	mg/L		02/19/22 10:32	02/22/22 16:52	1
Nickel	<0.00052		0.0010	0.00052	mg/L		02/19/22 10:32	02/22/22 16:52	1
Selenium	<0.00074		0.0050	0.00074	mg/L		02/19/22 10:32	02/22/22 16:52	1
Silver	<0.00022		0.0010	0.00022	mg/L		02/19/22 10:32	02/22/22 16:52	1
Thallium	<0.00047		0.0010	0.00047	mg/L		02/19/22 10:32	02/22/22 16:52	1
Vanadium	<0.00078		0.0010	0.00078	mg/L		02/19/22 10:32	02/22/22 16:52	1
Zinc	<0.0029		0.0050	0.0029	mg/L		02/19/22 10:32	02/22/22 16:52	1
Sodium	<0.18		0.50	0.18	mg/L		02/19/22 10:32	02/22/22 16:52	1
Potassium	<0.16		0.50	0.16	mg/L		02/19/22 10:32	02/22/22 16:52	1
Magnesium	<0.050		0.50	0.050	mg/L		02/19/22 10:32	02/22/22 16:52	1

Lab Sample ID: LCS 180-388851/2-A
Matrix: Water
Analysis Batch: 389213

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 388851

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec. Limits
		Result	Qualifier				
Antimony	0.250	0.256		mg/L		102	80 - 120
Arsenic	1.00	1.00		mg/L		100	80 - 120
Barium	1.00	1.08		mg/L		108	80 - 120
Beryllium	0.500	0.522		mg/L		104	80 - 120
Boron	1.25	1.25		mg/L		100	80 - 120
Cadmium	0.500	0.551		mg/L		110	80 - 120
Calcium	25.0	24.9		mg/L		100	80 - 120
Chromium	0.500	0.537		mg/L		107	80 - 120
Cobalt	0.500	0.504		mg/L		101	80 - 120
Copper	0.500	0.486		mg/L		97	80 - 120
Lead	0.500	0.540		mg/L		108	80 - 120
Nickel	0.500	0.506		mg/L		101	80 - 120
Selenium	1.00	1.05		mg/L		105	80 - 120
Silver	0.250	0.264		mg/L		106	80 - 120
Thallium	1.00	1.09		mg/L		109	80 - 120
Vanadium	0.500	0.536		mg/L		107	80 - 120
Zinc	0.250	0.238		mg/L		95	80 - 120
Sodium	25.0	23.4		mg/L		94	80 - 120
Potassium	25.0	25.9		mg/L		104	80 - 120
Magnesium	25.0	22.8		mg/L		91	80 - 120

QC Sample Results

Client: Southern Company
Project/Site: Scherer PAC Ash Cell

Job ID: 180-133780-1

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

Lab Sample ID: 180-133869-B-5-B MS

Matrix: Water

Analysis Batch: 389213

Client Sample ID: Matrix Spike

Prep Type: Total Recoverable

Prep Batch: 388851

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.	
	Result	Qualifier	Added	Result	Qualifier				Limits	
Antimony	<0.00051		0.250	0.255		mg/L		102	75 - 125	
Arsenic	<0.00028		1.00	1.03		mg/L		103	75 - 125	
Barium	0.038		1.00	1.13		mg/L		110	75 - 125	
Beryllium	<0.00027		0.500	0.472		mg/L		94	75 - 125	
Boron	0.19		1.25	1.29		mg/L		89	75 - 125	
Cadmium	<0.00022		0.500	0.545		mg/L		109	75 - 125	
Calcium	36		25.0	62.2		mg/L		103	75 - 125	
Chromium	0.0061		0.500	0.551		mg/L		109	75 - 125	
Cobalt	<0.00026		0.500	0.512		mg/L		102	75 - 125	
Copper	<0.0011		0.500	0.501		mg/L		100	75 - 125	
Lead	<0.00017		0.500	0.551		mg/L		110	75 - 125	
Nickel	0.0010		0.500	0.513		mg/L		102	75 - 125	
Selenium	0.0058		1.00	1.08		mg/L		107	75 - 125	
Silver	<0.00022		0.250	0.267		mg/L		107	75 - 125	
Thallium	<0.00047		1.00	1.11		mg/L		111	75 - 125	
Vanadium	0.0026		0.500	0.550		mg/L		110	75 - 125	
Zinc	0.0034	J	0.250	0.242		mg/L		95	75 - 125	
Sodium	13		25.0	36.6		mg/L		95	75 - 125	
Potassium	1.2		25.0	26.9		mg/L		103	75 - 125	
Magnesium	20		25.0	44.0		mg/L		95	75 - 125	

Lab Sample ID: 180-133869-B-5-C MSD

Matrix: Water

Analysis Batch: 389213

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total Recoverable

Prep Batch: 388851

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
Antimony	<0.00051		0.250	0.260		mg/L		104	75 - 125	2	20
Arsenic	<0.00028		1.00	1.03		mg/L		103	75 - 125	0	20
Barium	0.038		1.00	1.15		mg/L		111	75 - 125	2	20
Beryllium	<0.00027		0.500	0.507		mg/L		101	75 - 125	7	20
Boron	0.19		1.25	1.43		mg/L		99	75 - 125	10	20
Cadmium	<0.00022		0.500	0.562		mg/L		112	75 - 125	3	20
Calcium	36		25.0	61.1		mg/L		99	75 - 125	2	20
Chromium	0.0061		0.500	0.543		mg/L		107	75 - 125	2	20
Cobalt	<0.00026		0.500	0.507		mg/L		101	75 - 125	1	20
Copper	<0.0011		0.500	0.495		mg/L		99	75 - 125	1	20
Lead	<0.00017		0.500	0.539		mg/L		108	75 - 125	2	20
Nickel	0.0010		0.500	0.511		mg/L		102	75 - 125	0	20
Selenium	0.0058		1.00	1.07		mg/L		107	75 - 125	1	20
Silver	<0.00022		0.250	0.265		mg/L		106	75 - 125	0	20
Thallium	<0.00047		1.00	1.08		mg/L		108	75 - 125	3	20
Vanadium	0.0026		0.500	0.553		mg/L		110	75 - 125	0	20
Zinc	0.0034	J	0.250	0.242		mg/L		95	75 - 125	0	20
Sodium	13		25.0	36.8		mg/L		96	75 - 125	1	20
Potassium	1.2		25.0	27.0		mg/L		103	75 - 125	0	20
Magnesium	20		25.0	42.8		mg/L		90	75 - 125	3	20

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QC Sample Results

Client: Southern Company
Project/Site: Scherer PAC Ash Cell

Job ID: 180-133780-1

Method: EPA 7470A - Mercury (CVAA)

Lab Sample ID: MB 180-389777/1-A
Matrix: Water
Analysis Batch: 389986

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 389777

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		02/28/22 11:26	03/01/22 16:46	1

Lab Sample ID: LCS 180-389777/2-A
Matrix: Water
Analysis Batch: 389986

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 389777

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00250	0.00259		mg/L		104	80 - 120

Lab Sample ID: 180-133800-E-3-E MS
Matrix: Water
Analysis Batch: 389986

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 389777

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	<0.00013		0.00100	0.00103		mg/L		103	75 - 125

Lab Sample ID: 180-133800-E-3-F MSD
Matrix: Water
Analysis Batch: 389986

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 389777

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	<0.00013		0.00100	0.00102		mg/L		102	75 - 125	0	20

Lab Sample ID: MB 180-389779/1-A
Matrix: Water
Analysis Batch: 389946

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 389779

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		02/28/22 11:29	03/01/22 12:38	1

Lab Sample ID: LCS 180-389779/2-A
Matrix: Water
Analysis Batch: 389946

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 389779

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00250	0.00242		mg/L		97	80 - 120

Lab Sample ID: 180-133780-1 MS
Matrix: Water
Analysis Batch: 389946

Client Sample ID: GWA-21
Prep Type: Total/NA
Prep Batch: 389779

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	<0.00013		0.00100	0.000951		mg/L		95	75 - 125

Lab Sample ID: 180-133780-1 MSD
Matrix: Water
Analysis Batch: 389946

Client Sample ID: GWA-21
Prep Type: Total/NA
Prep Batch: 389779

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	<0.00013		0.00100	0.000942		mg/L		94	75 - 125	1	20

Eurofins Pittsburgh

QC Sample Results

Client: Southern Company
Project/Site: Scherer PAC Ash Cell

Job ID: 180-133780-1

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 180-388697/2
Matrix: Water
Analysis Batch: 388697

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			02/17/22 17:39	1

Lab Sample ID: LCS 180-388697/1
Matrix: Water
Analysis Batch: 388697

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	469	452		mg/L		96	85 - 115

Lab Sample ID: 180-133715-B-15 DU
Matrix: Water
Analysis Batch: 388697

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	1900		1940		mg/L		0.3	10

Lab Sample ID: MB 180-388812/2
Matrix: Water
Analysis Batch: 388812

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			02/18/22 15:14	1

Lab Sample ID: LCS 180-388812/1
Matrix: Water
Analysis Batch: 388812

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	469	434		mg/L		93	85 - 115

Lab Sample ID: 180-133780-10 DU
Matrix: Water
Analysis Batch: 388812

Client Sample ID: GWC-53
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	280		283		mg/L		2	10

Lab Sample ID: MB 180-389014/2
Matrix: Water
Analysis Batch: 389014

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			02/21/22 13:57	1

Lab Sample ID: LCS 180-389014/1
Matrix: Water
Analysis Batch: 389014

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	469	450		mg/L		96	85 - 115

Eurofins Pittsburgh

QC Sample Results

Client: Southern Company
Project/Site: Scherer PAC Ash Cell

Job ID: 180-133780-1

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: 180-133825-B-1 DU
Matrix: Water
Analysis Batch: 389014

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Total Dissolved Solids	370		369		mg/L		0.3	10

Method: SM2320 B - Alkalinity, Total

Lab Sample ID: MB 180-389234/102
Matrix: Water
Analysis Batch: 389234

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	<5.0		5.0	5.0	mg/L			02/23/22 03:02	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/23/22 03:02	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/23/22 03:02	1

Lab Sample ID: MB 180-389234/30
Matrix: Water
Analysis Batch: 389234

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	<5.0		5.0	5.0	mg/L			02/22/22 18:58	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/22/22 18:58	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/22/22 18:58	1

Lab Sample ID: MB 180-389234/54
Matrix: Water
Analysis Batch: 389234

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	<5.0		5.0	5.0	mg/L			02/22/22 21:33	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/22/22 21:33	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/22/22 21:33	1

Lab Sample ID: MB 180-389234/6
Matrix: Water
Analysis Batch: 389234

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	<5.0		5.0	5.0	mg/L			02/22/22 16:08	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/22/22 16:08	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/22/22 16:08	1

Lab Sample ID: MB 180-389234/78
Matrix: Water
Analysis Batch: 389234

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	<5.0		5.0	5.0	mg/L			02/23/22 00:23	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/23/22 00:23	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/23/22 00:23	1

QC Sample Results

Client: Southern Company
Project/Site: Scherer PAC Ash Cell

Job ID: 180-133780-1

Method: SM2320 B - Alkalinity, Total (Continued)

Lab Sample ID: LCS 180-389234/101
Matrix: Water
Analysis Batch: 389234

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	265	248		mg/L		94	90 - 110

Lab Sample ID: LCS 180-389234/29
Matrix: Water
Analysis Batch: 389234

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	265	260		mg/L		98	90 - 110

Lab Sample ID: LCS 180-389234/5
Matrix: Water
Analysis Batch: 389234

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	265	238		mg/L		90	90 - 110

Lab Sample ID: LCS 180-389234/77
Matrix: Water
Analysis Batch: 389234

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	265	240		mg/L		91	90 - 110

Lab Sample ID: LLCS 180-389234/100
Matrix: Water
Analysis Batch: 389234

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

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Alkalinity as CaCO3 to pH 4.5	15.9	14.5		mg/L		92	75 - 125

Lab Sample ID: LLCS 180-389234/28
Matrix: Water
Analysis Batch: 389234

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

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Alkalinity as CaCO3 to pH 4.5	15.9	14.9		mg/L		94	75 - 125

Lab Sample ID: LLCS 180-389234/4
Matrix: Water
Analysis Batch: 389234

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

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Alkalinity as CaCO3 to pH 4.5	15.9	15.8		mg/L		99	75 - 125

QC Sample Results

Client: Southern Company
Project/Site: Scherer PAC Ash Cell

Job ID: 180-133780-1

Method: SM2320 B - Alkalinity, Total (Continued)

Lab Sample ID: LLCS 180-389234/76
Matrix: Water
Analysis Batch: 389234

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

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Alkalinity as CaCO3 to pH 4.5	15.9	13.9		mg/L		87	75 - 125

Lab Sample ID: 180-133780-2 DU
Matrix: Water
Analysis Batch: 389234

Client Sample ID: GWC-29
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	89		88.2		mg/L		0.9	20
Bicarbonate Alkalinity as CaCO3	89		88.2		mg/L		0.9	20
Carbonate Alkalinity as CaCO3	<5.0		<5.0		mg/L		NC	20

Lab Sample ID: 180-133780-11 DU
Matrix: Water
Analysis Batch: 389234

Client Sample ID: FB-4
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	<5.0		<5.0		mg/L		NC	20
Bicarbonate Alkalinity as CaCO3	<5.0		<5.0		mg/L		NC	20
Carbonate Alkalinity as CaCO3	<5.0		<5.0		mg/L		NC	20

Lab Sample ID: 180-133870-2 DU
Matrix: Water
Analysis Batch: 389234

Client Sample ID: 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	36		36.8		mg/L		3	20
Bicarbonate Alkalinity as CaCO3	36		36.8		mg/L		3	20
Carbonate Alkalinity as CaCO3	<5.0		<5.0		mg/L		NC	20

QC Association Summary

Client: Southern Company
Project/Site: Scherer PAC Ash Cell

Job ID: 180-133780-1

HPLC/IC

Analysis Batch: 388730

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133780-1	GWA-21	Total/NA	Water	EPA 300.0 R2.1	
180-133780-2	GWC-29	Total/NA	Water	EPA 300.0 R2.1	
180-133780-3	GWA-45	Total/NA	Water	EPA 300.0 R2.1	
180-133780-4	GWA-46	Total/NA	Water	EPA 300.0 R2.1	
180-133780-5	GWA-47	Total/NA	Water	EPA 300.0 R2.1	
180-133780-6	GWA-48	Total/NA	Water	EPA 300.0 R2.1	
180-133780-7	GWA-49	Total/NA	Water	EPA 300.0 R2.1	
180-133780-8	GWC-50	Total/NA	Water	EPA 300.0 R2.1	
180-133780-9	GWC-52	Total/NA	Water	EPA 300.0 R2.1	
180-133780-10	GWC-53	Total/NA	Water	EPA 300.0 R2.1	
180-133780-11	FB-4	Total/NA	Water	EPA 300.0 R2.1	
180-133780-12	FB-5	Total/NA	Water	EPA 300.0 R2.1	
180-133780-13	EB-5	Total/NA	Water	EPA 300.0 R2.1	
180-133780-14	EB-4	Total/NA	Water	EPA 300.0 R2.1	
180-133780-15	DUP-4	Total/NA	Water	EPA 300.0 R2.1	
180-133780-16	DUP-5	Total/NA	Water	EPA 300.0 R2.1	
MB 180-388730/46	Method Blank	Total/NA	Water	EPA 300.0 R2.1	
MB 180-388730/7	Method Blank	Total/NA	Water	EPA 300.0 R2.1	
LCS 180-388730/45	Lab Control Sample	Total/NA	Water	EPA 300.0 R2.1	
LCS 180-388730/6	Lab Control Sample	Total/NA	Water	EPA 300.0 R2.1	
180-133780-1 MS	GWA-21	Total/NA	Water	EPA 300.0 R2.1	
180-133780-1 MSD	GWA-21	Total/NA	Water	EPA 300.0 R2.1	
180-133780-2 MS	GWC-29	Total/NA	Water	EPA 300.0 R2.1	
180-133780-2 MSD	GWC-29	Total/NA	Water	EPA 300.0 R2.1	

Analysis Batch: 388878

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133870-1	GWA-22	Total/NA	Water	EPA 300.0 R2.1	
180-133870-2	GWC-51	Total/NA	Water	EPA 300.0 R2.1	
MB 180-388878/41	Method Blank	Total/NA	Water	EPA 300.0 R2.1	
LCS 180-388878/40	Lab Control Sample	Total/NA	Water	EPA 300.0 R2.1	
180-133869-A-15 MS	Matrix Spike	Total/NA	Water	EPA 300.0 R2.1	
180-133869-A-15 MSD	Matrix Spike Duplicate	Total/NA	Water	EPA 300.0 R2.1	

Metals

Prep Batch: 388752

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133780-1	GWA-21	Total Recoverable	Water	3005A	
180-133780-2	GWC-29	Total Recoverable	Water	3005A	
180-133780-3	GWA-45	Total Recoverable	Water	3005A	
180-133780-4	GWA-46	Total Recoverable	Water	3005A	
180-133780-5	GWA-47	Total Recoverable	Water	3005A	
180-133780-6	GWA-48	Total Recoverable	Water	3005A	
180-133780-7	GWA-49	Total Recoverable	Water	3005A	
180-133780-8	GWC-50	Total Recoverable	Water	3005A	
180-133780-9	GWC-52	Total Recoverable	Water	3005A	
180-133780-10	GWC-53	Total Recoverable	Water	3005A	
180-133780-11	FB-4	Total Recoverable	Water	3005A	
180-133780-12	FB-5	Total Recoverable	Water	3005A	
180-133780-13	EB-5	Total Recoverable	Water	3005A	

QC Association Summary

Client: Southern Company
 Project/Site: Scherer PAC Ash Cell

Job ID: 180-133780-1

Metals (Continued)

Prep Batch: 388752 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133780-14	EB-4	Total Recoverable	Water	3005A	
MB 180-388752/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 180-388752/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
180-133738-E-1-B MS	Matrix Spike	Total Recoverable	Water	3005A	
180-133738-E-1-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Prep Batch: 388754

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133780-15	DUP-4	Total Recoverable	Water	3005A	
180-133780-16	DUP-5	Total Recoverable	Water	3005A	
MB 180-388754/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 180-388754/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
180-133800-E-3-B MS	Matrix Spike	Total Recoverable	Water	3005A	
180-133800-E-3-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Prep Batch: 388851

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133870-1	GWA-22	Total Recoverable	Water	3005A	
180-133870-2	GWC-51	Total Recoverable	Water	3005A	
MB 180-388851/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 180-388851/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
180-133869-B-5-B MS	Matrix Spike	Total Recoverable	Water	3005A	
180-133869-B-5-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Analysis Batch: 389213

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133780-1	GWA-21	Total Recoverable	Water	EPA 6020B	388752
180-133780-2	GWC-29	Total Recoverable	Water	EPA 6020B	388752
180-133780-3	GWA-45	Total Recoverable	Water	EPA 6020B	388752
180-133780-4	GWA-46	Total Recoverable	Water	EPA 6020B	388752
180-133780-5	GWA-47	Total Recoverable	Water	EPA 6020B	388752
180-133780-6	GWA-48	Total Recoverable	Water	EPA 6020B	388752
180-133780-7	GWA-49	Total Recoverable	Water	EPA 6020B	388752
180-133780-8	GWC-50	Total Recoverable	Water	EPA 6020B	388752
180-133780-9	GWC-52	Total Recoverable	Water	EPA 6020B	388752
180-133780-10	GWC-53	Total Recoverable	Water	EPA 6020B	388752
180-133780-11	FB-4	Total Recoverable	Water	EPA 6020B	388752
180-133780-12	FB-5	Total Recoverable	Water	EPA 6020B	388752
180-133780-13	EB-5	Total Recoverable	Water	EPA 6020B	388752
180-133780-14	EB-4	Total Recoverable	Water	EPA 6020B	388752
180-133870-1	GWA-22	Total Recoverable	Water	EPA 6020B	388851
180-133870-2	GWC-51	Total Recoverable	Water	EPA 6020B	388851
MB 180-388752/1-A	Method Blank	Total Recoverable	Water	EPA 6020B	388752
MB 180-388851/1-A	Method Blank	Total Recoverable	Water	EPA 6020B	388851
LCS 180-388752/2-A	Lab Control Sample	Total Recoverable	Water	EPA 6020B	388752
LCS 180-388851/2-A	Lab Control Sample	Total Recoverable	Water	EPA 6020B	388851
180-133738-E-1-B MS	Matrix Spike	Total Recoverable	Water	EPA 6020B	388752
180-133738-E-1-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	EPA 6020B	388752
180-133869-B-5-B MS	Matrix Spike	Total Recoverable	Water	EPA 6020B	388851
180-133869-B-5-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	EPA 6020B	388851

QC Association Summary

Client: Southern Company
 Project/Site: Scherer PAC Ash Cell

Job ID: 180-133780-1

Metals

Analysis Batch: 389218

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133780-15	DUP-4	Total Recoverable	Water	EPA 6020B	388754
180-133780-16	DUP-5	Total Recoverable	Water	EPA 6020B	388754
MB 180-388754/1-A	Method Blank	Total Recoverable	Water	EPA 6020B	388754
LCS 180-388754/2-A	Lab Control Sample	Total Recoverable	Water	EPA 6020B	388754
180-133800-E-3-B MS	Matrix Spike	Total Recoverable	Water	EPA 6020B	388754
180-133800-E-3-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	EPA 6020B	388754

Prep Batch: 389777

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133870-1	GWA-22	Total/NA	Water	7470A	
180-133870-2	GWC-51	Total/NA	Water	7470A	
MB 180-389777/1-A	Method Blank	Total/NA	Water	7470A	
LCS 180-389777/2-A	Lab Control Sample	Total/NA	Water	7470A	
180-133800-E-3-E MS	Matrix Spike	Total/NA	Water	7470A	
180-133800-E-3-F MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Prep Batch: 389779

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133780-1	GWA-21	Total/NA	Water	7470A	
180-133780-2	GWC-29	Total/NA	Water	7470A	
180-133780-3	GWA-45	Total/NA	Water	7470A	
180-133780-4	GWA-46	Total/NA	Water	7470A	
180-133780-5	GWA-47	Total/NA	Water	7470A	
180-133780-6	GWA-48	Total/NA	Water	7470A	
180-133780-7	GWA-49	Total/NA	Water	7470A	
180-133780-8	GWC-50	Total/NA	Water	7470A	
180-133780-9	GWC-52	Total/NA	Water	7470A	
180-133780-10	GWC-53	Total/NA	Water	7470A	
180-133780-11	FB-4	Total/NA	Water	7470A	
180-133780-12	FB-5	Total/NA	Water	7470A	
180-133780-13	EB-5	Total/NA	Water	7470A	
180-133780-14	EB-4	Total/NA	Water	7470A	
180-133780-15	DUP-4	Total/NA	Water	7470A	
180-133780-16	DUP-5	Total/NA	Water	7470A	
MB 180-389779/1-A	Method Blank	Total/NA	Water	7470A	
LCS 180-389779/2-A	Lab Control Sample	Total/NA	Water	7470A	
180-133780-1 MS	GWA-21	Total/NA	Water	7470A	
180-133780-1 MSD	GWA-21	Total/NA	Water	7470A	

Analysis Batch: 389946

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133780-1	GWA-21	Total/NA	Water	EPA 7470A	389779
180-133780-2	GWC-29	Total/NA	Water	EPA 7470A	389779
180-133780-3	GWA-45	Total/NA	Water	EPA 7470A	389779
180-133780-4	GWA-46	Total/NA	Water	EPA 7470A	389779
180-133780-5	GWA-47	Total/NA	Water	EPA 7470A	389779
180-133780-6	GWA-48	Total/NA	Water	EPA 7470A	389779
180-133780-7	GWA-49	Total/NA	Water	EPA 7470A	389779
180-133780-8	GWC-50	Total/NA	Water	EPA 7470A	389779
180-133780-9	GWC-52	Total/NA	Water	EPA 7470A	389779
180-133780-10	GWC-53	Total/NA	Water	EPA 7470A	389779

Eurofins Pittsburgh



QC Association Summary

Client: Southern Company
Project/Site: Scherer PAC Ash Cell

Job ID: 180-133780-1

Metals (Continued)

Analysis Batch: 389946 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133780-11	FB-4	Total/NA	Water	EPA 7470A	389779
180-133780-12	FB-5	Total/NA	Water	EPA 7470A	389779
180-133780-13	EB-5	Total/NA	Water	EPA 7470A	389779
180-133780-14	EB-4	Total/NA	Water	EPA 7470A	389779
180-133780-15	DUP-4	Total/NA	Water	EPA 7470A	389779
180-133780-16	DUP-5	Total/NA	Water	EPA 7470A	389779
MB 180-389779/1-A	Method Blank	Total/NA	Water	EPA 7470A	389779
LCS 180-389779/2-A	Lab Control Sample	Total/NA	Water	EPA 7470A	389779
180-133780-1 MS	GWA-21	Total/NA	Water	EPA 7470A	389779
180-133780-1 MSD	GWA-21	Total/NA	Water	EPA 7470A	389779

Analysis Batch: 389986

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133870-1	GWA-22	Total/NA	Water	EPA 7470A	389777
180-133870-2	GWC-51	Total/NA	Water	EPA 7470A	389777
MB 180-389777/1-A	Method Blank	Total/NA	Water	EPA 7470A	389777
LCS 180-389777/2-A	Lab Control Sample	Total/NA	Water	EPA 7470A	389777
180-133800-E-3-E MS	Matrix Spike	Total/NA	Water	EPA 7470A	389777
180-133800-E-3-F MSD	Matrix Spike Duplicate	Total/NA	Water	EPA 7470A	389777

General Chemistry

Analysis Batch: 388697

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133780-1	GWA-21	Total/NA	Water	SM 2540C	
180-133780-2	GWC-29	Total/NA	Water	SM 2540C	
180-133780-3	GWA-45	Total/NA	Water	SM 2540C	
180-133780-4	GWA-46	Total/NA	Water	SM 2540C	
180-133780-5	GWA-47	Total/NA	Water	SM 2540C	
180-133780-6	GWA-48	Total/NA	Water	SM 2540C	
180-133780-7	GWA-49	Total/NA	Water	SM 2540C	
180-133780-8	GWC-50	Total/NA	Water	SM 2540C	
180-133780-9	GWC-52	Total/NA	Water	SM 2540C	
MB 180-388697/2	Method Blank	Total/NA	Water	SM 2540C	
LCS 180-388697/1	Lab Control Sample	Total/NA	Water	SM 2540C	
180-133715-B-15 DU	Duplicate	Total/NA	Water	SM 2540C	

Analysis Batch: 388812

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133780-10	GWC-53	Total/NA	Water	SM 2540C	
180-133780-11	FB-4	Total/NA	Water	SM 2540C	
180-133780-12	FB-5	Total/NA	Water	SM 2540C	
180-133780-13	EB-5	Total/NA	Water	SM 2540C	
180-133780-14	EB-4	Total/NA	Water	SM 2540C	
180-133780-15	DUP-4	Total/NA	Water	SM 2540C	
180-133780-16	DUP-5	Total/NA	Water	SM 2540C	
MB 180-388812/2	Method Blank	Total/NA	Water	SM 2540C	
LCS 180-388812/1	Lab Control Sample	Total/NA	Water	SM 2540C	
180-133780-10 DU	GWC-53	Total/NA	Water	SM 2540C	

QC Association Summary

Client: Southern Company
 Project/Site: Scherer PAC Ash Cell

Job ID: 180-133780-1

General Chemistry

Analysis Batch: 389014

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133870-1	GWA-22	Total/NA	Water	SM 2540C	
180-133870-2	GWC-51	Total/NA	Water	SM 2540C	
MB 180-389014/2	Method Blank	Total/NA	Water	SM 2540C	
LCS 180-389014/1	Lab Control Sample	Total/NA	Water	SM 2540C	
180-133825-B-1 DU	Duplicate	Total/NA	Water	SM 2540C	

Analysis Batch: 389234

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133780-1	GWA-21	Total/NA	Water	SM2320 B	
180-133780-2	GWC-29	Total/NA	Water	SM2320 B	
180-133780-3	GWA-45	Total/NA	Water	SM2320 B	
180-133780-4	GWA-46	Total/NA	Water	SM2320 B	
180-133780-5	GWA-47	Total/NA	Water	SM2320 B	
180-133780-6	GWA-48	Total/NA	Water	SM2320 B	
180-133780-7	GWA-49	Total/NA	Water	SM2320 B	
180-133780-8	GWC-50	Total/NA	Water	SM2320 B	
180-133780-9	GWC-52	Total/NA	Water	SM2320 B	
180-133780-10	GWC-53	Total/NA	Water	SM2320 B	
180-133780-11	FB-4	Total/NA	Water	SM2320 B	
180-133780-12	FB-5	Total/NA	Water	SM2320 B	
180-133780-13	EB-5	Total/NA	Water	SM2320 B	
180-133780-14	EB-4	Total/NA	Water	SM2320 B	
180-133780-15	DUP-4	Total/NA	Water	SM2320 B	
180-133780-16	DUP-5	Total/NA	Water	SM2320 B	
180-133870-1	GWA-22	Total/NA	Water	SM2320 B	
180-133870-2	GWC-51	Total/NA	Water	SM2320 B	
MB 180-389234/102	Method Blank	Total/NA	Water	SM2320 B	
MB 180-389234/30	Method Blank	Total/NA	Water	SM2320 B	
MB 180-389234/54	Method Blank	Total/NA	Water	SM2320 B	
MB 180-389234/6	Method Blank	Total/NA	Water	SM2320 B	
MB 180-389234/78	Method Blank	Total/NA	Water	SM2320 B	
LCS 180-389234/101	Lab Control Sample	Total/NA	Water	SM2320 B	
LCS 180-389234/29	Lab Control Sample	Total/NA	Water	SM2320 B	
LCS 180-389234/5	Lab Control Sample	Total/NA	Water	SM2320 B	
LCS 180-389234/77	Lab Control Sample	Total/NA	Water	SM2320 B	
LLCS 180-389234/100	Lab Control Sample	Total/NA	Water	SM2320 B	
LLCS 180-389234/28	Lab Control Sample	Total/NA	Water	SM2320 B	
LLCS 180-389234/4	Lab Control Sample	Total/NA	Water	SM2320 B	
LLCS 180-389234/76	Lab Control Sample	Total/NA	Water	SM2320 B	
180-133780-2 DU	GWC-29	Total/NA	Water	SM2320 B	
180-133780-11 DU	FB-4	Total/NA	Water	SM2320 B	
180-133870-2 DU	GWC-51	Total/NA	Water	SM2320 B	

Field Service / Mobile Lab

Analysis Batch: 389463

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133780-1	GWA-21	Total/NA	Water	Field Sampling	
180-133780-2	GWC-29	Total/NA	Water	Field Sampling	
180-133780-3	GWA-45	Total/NA	Water	Field Sampling	
180-133780-4	GWA-46	Total/NA	Water	Field Sampling	

Eurofins Pittsburgh

QC Association Summary

Client: Southern Company
Project/Site: Scherer PAC Ash Cell

Job ID: 180-133780-1

Field Service / Mobile Lab (Continued)

Analysis Batch: 389463 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133780-5	GWA-47	Total/NA	Water	Field Sampling	
180-133780-6	GWA-48	Total/NA	Water	Field Sampling	
180-133780-7	GWA-49	Total/NA	Water	Field Sampling	
180-133780-8	GWC-50	Total/NA	Water	Field Sampling	
180-133780-9	GWC-52	Total/NA	Water	Field Sampling	
180-133780-10	GWC-53	Total/NA	Water	Field Sampling	

Analysis Batch: 389742

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133870-1	GWA-22	Total/NA	Water	Field Sampling	
180-133870-2	GWC-51	Total/NA	Water	Field Sampling	

TestAmerica Pittsburgh

301 Alpha Drive
 RIDC Park
 Pittsburgh, PA 15238-2907
 phone 412.963.7058 fax 412.963.2468


Chain of Custody Record

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: DW NPDES RCRA Other:

Client Contact		Project Manager: Dawn Prell		Site Contact: Dawn Prell		Date: 2/15/2022		COC No:				
Joju Abraham		Tel/Fax: 248-536-5445		Lab Contact: Shali Brown		Carrier:		1 of 2 COCs				
Southern Company		Analysis Turnaround Time		Filtered Sample (Y/N) <input type="checkbox"/> Perform MS / MSD (Y/N) <input type="checkbox"/> 8020, 7470A: As, Ba, B, Be, Ca, Cd, Cr, Co, Cu, Pb, Hg, Ni, Sb, Se, Ag, Ti, Vn, Zn Cations: Na, Mg, K Cl, F, So4, TDS Alkalinity (total, CO3, HCO3)		44-ATLANTA 180-133780 Chain of Custody 		Sampler:				
241 Ralph McGill Blvd SE B10185		<input checked="" type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS TAT if different from Below 3-5 days						For Lab Use Only:				
Atlanta, GA 30308		<input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day						Walk-in Client:				
JAbraham@southernco.com								Lab Sampling:				
Project Name: CCR - Plant Scherer PAC Ash Cell								Job / SDG No.:				
Site: Georgia								Sample Specific Notes:				
P O #												
Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	8020, 7470A: As, Ba, B, Be, Ca, Cd, Cr, Co, Cu, Pb, Hg, Ni, Sb, Se, Ag, Ti, Vn, Zn	Cations: Na, Mg, K	Cl, F, So4, TDS	Alkalinity (total, CO3, HCO3)	Sample Specific Notes:
GWA-21	2/14/2022	10:58	G	GW	2			X	X	X	X	pH= 5.99
GWC-29	2/14/2022	15:14	G	GW	2			X	X	X	X	pH= 6.29
GWA-45	2/14/2022	15:05	G	GW	2			X	X	X	X	pH= 6.31
GWA-46	2/14/2022	16:10	G	GW	2			X	X	X	X	pH= 5.85
GWA-47	2/14/2022	16:00	G	GW	2			X	X	X	X	pH= 6.60
GWA-48	2/14/2022	11:00	G	GW	2			X	X	X	X	pH= 6.93
GWA-49	2/14/2022	13:38	G	GW	2			X	X	X	X	pH= 7.10
GWC-50	2/14/2022	14:26	G	GW	2			X	X	X	X	pH= 5.90
GWC-52	2/14/2022	14:05	G	GW	2			X	X	X	X	pH= 6.79
GWC-53	2/14/2022	12:30	G	GW	2			X	X	X	X	pH= 5.65
FB-4	2/14/2022	15:15	G	GW	2			X	X	X	X	
FB-5	2/14/2022	16:25	G	GW	2			X	X	X	X	

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

Non-Hazard Flammable Poison B Unknown

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

Return to Client Disposal by Lab Archive for _____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No	Custody Seal No.:	Cooler Temp. (°C):	Obs'd:	Corr'd:	Therm ID No.:
Relinquished by: <i>[Signature]</i>	Company: <i>WSP-60001</i>	Date/Time: <i>2/15/22 7:55</i>	Received by: <i>Chaine Cook</i>	Company: <i>CourierNow</i>	Date/Time: <i>2/15/22</i>
Relinquished by:	Company:	Date/Time:	Received by: <i>Michael Masked</i>	Company:	Date/Time: <i>2-15-22 9:50</i>
Relinquished by: <i>Michael Masked</i>	Company:	Date/Time: <i>2-15-22 9:50</i>	Received in Laboratory by: <i>[Signature]</i>	Company: <i>TESTA P/B</i>	Date/Time: <i>2/16/22 10:15</i>

TestAmerica Pittsburgh

301 Alpha Drive
 RIDC Park
 Pittsburgh, PA 15238-2907
 phone 412.963.7058 fax 412.963.2468

Chain of Custody Record



TestAmerica Laboratories, Inc.

Regulatory Program: DW NPDES RCRA Other:

Client Contact Joju Abraham Southern Company 241 Ralph McGill Blvd SE B10185 Atlanta, GA 30308 JAbraham@southernco.com Project Name: CCR - Plant Scherer PAC Ash Cell Site: Georgia P O #	Project Manager: Dawn Prell Tel/Fax: 248-536-5445	Site Contact: Dawn Prell Lab Contact: Shali Brown	Date: 2/15/2022 Carrier:	COC No: 2 of 2 COCs
Analysis Turnaround Time <input checked="" type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS TAT if different from Below 3-5 days <input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day		Sampler: For Lab Use Only: Walk-in Client: Lab Sampling: Job / SDG No.:		

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	8020, 7470A: As, Ba, B, Be, Ca, Cd, Cr, Co, Cu, Pb, Hg, Ni, Sb, Se, Ag, Ti, Vn, Zn	Cations: Na, Mg, K	Cl, F, So4, TDS	Alkalinity (total, CO3, HCO3)	Sample Specific Notes:
EB-5	2/14/2022	15:40	G	GW	2			X	X	X	X	
EB-4	2/14/2022	10:45	G	GW	2			X	X	X	X	
DUP-4	2/14/2022	-	G	GW	2			X	X	X	X	
DUP-5	2/14/2022	-	G	GW	2			X	X	X	X	

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other 4 4 1 1

Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

Non-Hazard Flammable Poison B Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
 Return to Client Disposal by Lab Archive for _____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No	Custody Seal No.:	Cooler Temp. (°C): Obs'd: _____	Corr'd: _____	Therm ID No.:
Relinquished by: <i>[Signature]</i>	Company: <i>USP-602047</i>	Date/Time: <i>2/15/22 7:55</i>	Received by: <i>[Signature]</i>	Company: _____
Relinquished by: <i>Michael Meskel</i>	Company: _____	Date/Time: <i>2-15-22 9:50</i>	Received by: <i>[Signature]</i>	Company: <i>FAIR P.H.</i>
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:

TestAmerica Pittsburgh

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 Pittsburgh, PA 15238-2907
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Chain of Custody Record

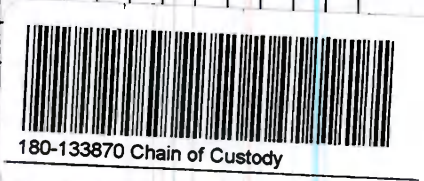
TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: DW NPDES RCRA Other:

Client Contact		Project Manager: Dawn Prell		Site Contact: Dawn Prell		Date: 2/15/2022		COC No:	
Joju Abraham		Tel/Fax: 248-536-5445		Lab Contact: Shali Brown		Carrier:		1 of 1 COCs	
Southern Company		Analysis Turnaround Time		ATLANTA		Perform MS / MSD (Y / N) 6020, 7470A: As, Ba, B, Be, Ca, Cd, Cr, Co, Cu, Pb, Hg, Ni, Sb, Se, Ag, Tl, Vn, Zn Cations: Na, Mg, K Cl, F, So ₄ , TDS Alkalinity (total, CO ₃ , HCO ₃)		Sampler:	
241 Ralph McGill Blvd SE B10185		<input checked="" type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS						For Lab Use Only:	
Atlanta, GA 30308		TAT if different from Below 3-5 days						Walk-in Client:	
JAbraham@southernco.com		<input type="checkbox"/> 2 weeks						Lab Sampling:	
Project Name: CCR - Plant Scherer PAC Ash Cell		<input type="checkbox"/> 1 week						Job / SDG No.:	
Site: Georgia		<input type="checkbox"/> 2 days		Sample Specific Notes:					
PO #		<input type="checkbox"/> 1 day							
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.			
		2/15/2022	10:30	G	GW	2	X	X	X
		2/15/2022	11:59	G	GW	2	X	X	X



Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other 4 4 1 1

Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return to Client <input type="checkbox"/> Disposal by Lab <input type="checkbox"/> Archive for _____ Months
<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> S <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown	

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: Yes No Custody Seal No.: Cooler Temp. (°C): Obs'd: Corr'd: Therm ID No.:

Relinquished by: <i>[Signature]</i> Company: <i>WSP-barton</i> Date/Time: <i>02/16/22</i> Received by: <i>Elaine Cook</i> Company: <i>Courier Now</i> Date/Time: <i>2-16-22</i>
Relinquished by: <i>Elaine Cook</i> Company: <i>Courier Now</i> Date/Time: <i>2/16/22</i> Received by: <i>Michael Masley</i> Company: <i>[Blank]</i> Date/Time: <i>2-16-22 9:58</i>
Relinquished by: <i>Michael Masley</i> Company: <i>[Blank]</i> Date/Time: <i>2-16-22 9:58</i> Received in Laboratory by: <i>Quinton</i> Company: <i>[Blank]</i> Date/Time: <i>2-17-22</i>

930

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 180-133780-1

Login Number: 133780

List Number: 1

Creator: Abernathy, Eric L

List Source: Eurofins Pittsburgh

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.	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").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



Login Sample Receipt Checklist

Client: Southern Company

Job Number: 180-133780-1

Login Number: 133870

List Number: 1

Creator: Watson, Debbie

List Source: Eurofins Pittsburgh

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?	False	
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").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

ANALYTICAL REPORT

Eurofins Pittsburgh
301 Alpha Drive
RIDC Park
Pittsburgh, PA 15238
Tel: (412)963-7058

Laboratory Job ID: 180-133982-1

Client Project/Site: Plant Scherer Surface Water

For:

Southern Company
241 Ralph McGill Blvd SE
B10185
Atlanta, Georgia 30308

Attn: Joju Abraham



Authorized for release by:
3/7/2022 7:05:38 PM

Shali Brown, Project Manager II
(615)301-5031
Shali.Brown@Eurofinset.com

LINKS

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results through
TotalAccess

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The
Expert**

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www.eurofinsus.com/Env

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

PA Lab ID: 02-00416



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Case Narrative

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

Job ID: 180-133982-1

Job ID: 180-133982-1

Laboratory: Eurofins Pittsburgh

Narrative

**Job Narrative
180-133982-1**

Comments

No additional comments.

Receipt

The samples were received on 2/21/2022 9:30 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 3.2° C and 8.7° C.

Receipt Exceptions

The following samples were received at the laboratory outside the required temperature criteria in cooler (airbill 3042) at 8.7°C. SWC-5 (180-133982-5), SWC-6 (180-133982-6), SWC-7 (180-133982-7), SWC-8 (180-133982-8) and SWC-9 (180-133982-9). This does not meet regulatory requirements. The client was contacted regarding this issue, and the laboratory was instructed to proceed with analysis.

GC Semi VOA

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

Metals

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

Field Service / Mobile Lab

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

General Chemistry

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



Definitions/Glossary

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

Job ID: 180-133982-1

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.
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.
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.
α	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

Accreditation/Certification Summary

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

Job ID: 180-133982-1

Laboratory: Eurofins Pittsburgh

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Arkansas DEQ	State	19-033-0	06-27-22
California	State	2891	04-30-22
Connecticut	State	PH-0688	09-30-22
Florida	NELAP	E871008	06-30-22
Georgia	State	PA 02-00416	04-30-22
Illinois	NELAP	004375	06-30-22
Kansas	NELAP	E-10350	03-31-22
Kentucky (UST)	State	162013	04-30-22
Kentucky (WW)	State	KY98043	12-31-22
Louisiana	NELAP	04041	06-30-22
Maine	State	PA00164	03-06-22
Minnesota	NELAP	042-999-482	12-31-22
Nevada	State	PA00164	08-31-22
New Hampshire	NELAP	2030	04-05-22
New Jersey	NELAP	PA005	06-30-23
New York	NELAP	11182	04-02-22
North Carolina (WW/SW)	State	434	12-31-22
North Dakota	State	R-227	04-30-22
Oregon	NELAP	PA-2151	02-06-22 *
Pennsylvania	NELAP	02-00416	04-30-22
Rhode Island	State	LAO00362	12-31-21 *
South Carolina	State	89014	06-30-22
Texas	NELAP	T104704528	03-31-22
USDA	Federal	P-Soil-01	06-26-22
USDA	US Federal Programs	P330-16-00211	06-26-22
Utah	NELAP	PA001462019-8	05-31-22
Virginia	NELAP	10043	09-15-22
West Virginia DEP	State	142	01-31-23
Wisconsin	State	998027800	08-31-22

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Sample Summary

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

Job ID: 180-133982-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
180-133982-1	SWA-1	Water	02/16/22 08:55	02/21/22 09:30
180-133982-2	SWA-2	Water	02/16/22 12:15	02/21/22 09:30
180-133982-3	SWA-3	Water	02/16/22 11:55	02/21/22 09:30
180-133982-4	SWC-4	Water	02/16/22 09:15	02/21/22 09:30
180-133982-5	SWC-5	Water	02/16/22 09:35	02/21/22 09:30
180-133982-6	SWC-6	Water	02/16/22 11:10	02/21/22 09:30
180-133982-7	SWC-7	Water	02/16/22 10:55	02/21/22 09:30
180-133982-8	SWC-8	Water	02/16/22 11:40	02/21/22 09:30
180-133982-9	SWC-9	Water	02/16/22 09:50	02/21/22 09:30

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Method Summary

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

Job ID: 180-133982-1

Method	Method Description	Protocol	Laboratory
EPA 300.0 R2.1	Anions, Ion Chromatography	EPA	TAL PIT
EPA 6020B	Metals (ICP/MS)	SW846	TAL PIT
EPA 7470A	Mercury (CVAA)	SW846	TAL PIT
EPA 410.4	COD	MCAWW	TAL PIT
SM 2540C	Solids, Total Dissolved (TDS)	SM	TAL PIT
SM 4500CN E	Total Cyanide	SM	TAL PIT
SM 5310C	Total Organic Carbon	SM	TAL PIT
SM2320 B	Alkalinity, Total	SM18	TAL PIT
Field Sampling	Field Sampling	EPA	TAL PIT
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	TAL PIT
410.4	COD	MCAWW	TAL PIT
7470A	Preparation, Mercury	SW846	TAL PIT
SM 4500 CN C	Cyanide, Distillation	SM	TAL PIT

Protocol References:

EPA = US Environmental Protection Agency

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"

SM18 = "Standard Methods For The Examination Of Water And Wastewater", 18th Edition, 1992.

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

Laboratory References:

TAL PIT = Eurofins Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

Lab Chronicle

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

Job ID: 180-133982-1

Client Sample ID: SWA-1
Date Collected: 02/16/22 08:55
Date Received: 02/21/22 09:30

Lab Sample ID: 180-133982-1
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	EPA 300.0 R2.1 Instrument ID: CHICS2100B		1			389510	02/25/22 21:22	JRB	TAL PIT
Total Recoverable	Prep	3005A			50 mL	50 mL	389441	02/24/22 11:53	KEM	TAL PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: A		1			389655	02/25/22 10:50	RSK	TAL PIT
Total/NA	Prep	7470A			25 mL	25 mL	390113	03/02/22 12:27	RJR	TAL PIT
Total/NA	Analysis	EPA 7470A Instrument ID: HGY		1			390272	03/03/22 11:16	RJR	TAL PIT
Total/NA	Prep	410.4			1 mL	1 mL	390469	03/04/22 13:38	ELS	TAL PIT
Total/NA	Analysis	EPA 410.4 Instrument ID: GENESYS10S		1	1 mL	1 mL	390476	03/04/22 18:50	ELS	TAL PIT
Total/NA	Analysis	SM 2540C Instrument ID: NOEQUIP		1	100 mL	100 mL	389182	02/22/22 17:41	JCR	TAL PIT
Total/NA	Prep	SM 4500 CN C			6 mL	6 mL	389595	02/25/22 13:30	CMR	TAL PIT
Total/NA	Analysis	SM 4500CN E Instrument ID: SEAL2		1			389846	02/28/22 16:15	CMR	TAL PIT
Total/NA	Analysis	SM 5310C Instrument ID: SAM		1			390119	03/02/22 02:35	CMT	TAL PIT
Total/NA	Analysis	SM2320 B Instrument ID: PCTITRATOR		1			389428	02/23/22 22:11	CMT	TAL PIT
Total/NA	Analysis	Field Sampling Instrument ID: NOEQUIP		1			389804	02/16/22 08:55	FDS	TAL PIT

Client Sample ID: SWA-2
Date Collected: 02/16/22 12:15
Date Received: 02/21/22 09:30

Lab Sample ID: 180-133982-2
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	EPA 300.0 R2.1 Instrument ID: CHICS2100B		1			389510	02/25/22 22:08	JRB	TAL PIT
Total Recoverable	Prep	3005A			50 mL	50 mL	389441	02/24/22 11:53	KEM	TAL PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: A		1			389655	02/25/22 10:54	RSK	TAL PIT
Total/NA	Prep	7470A			25 mL	25 mL	390113	03/02/22 12:27	RJR	TAL PIT
Total/NA	Analysis	EPA 7470A Instrument ID: HGY		1			390272	03/03/22 11:17	RJR	TAL PIT
Total/NA	Prep	410.4			1 mL	1 mL	390117	03/02/22 12:00	ELS	TAL PIT
Total/NA	Analysis	EPA 410.4 Instrument ID: GENESYS10S		1	1 mL	1 mL	390159	03/02/22 17:30	ELS	TAL PIT
Total/NA	Analysis	SM 2540C Instrument ID: NOEQUIP		1	100 mL	100 mL	389182	02/22/22 17:41	JCR	TAL PIT
Total/NA	Prep	SM 4500 CN C			6 mL	6 mL	389595	02/25/22 13:30	CMR	TAL PIT
Total/NA	Analysis	SM 4500CN E Instrument ID: SEAL2		1			389846	02/28/22 16:17	CMR	TAL PIT

Eurofins Pittsburgh

Lab Chronicle

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

Job ID: 180-133982-1

Client Sample ID: SWA-2
Date Collected: 02/16/22 12:15
Date Received: 02/21/22 09:30

Lab Sample ID: 180-133982-2
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	SM 5310C		1			390119	03/02/22 02:47	CMT	TAL PIT
Total/NA	Analysis	SM2320 B Instrument ID: PCTITRATOR		1			389428	02/23/22 22:19	CMT	TAL PIT
Total/NA	Analysis	Field Sampling Instrument ID: NOEQUIP		1			389804	02/16/22 12:15	FDS	TAL PIT

Client Sample ID: SWA-3
Date Collected: 02/16/22 11:55
Date Received: 02/21/22 09:30

Lab Sample ID: 180-133982-3
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	EPA 300.0 R2.1 Instrument ID: CHICS2100B		1			389510	02/25/22 22:23	JRB	TAL PIT
Total Recoverable	Prep	3005A			50 mL	50 mL	389441	02/24/22 11:53	KEM	TAL PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: A		1			389655	02/25/22 10:58	RSK	TAL PIT
Total/NA	Prep	7470A			25 mL	25 mL	390113	03/02/22 12:27	RJR	TAL PIT
Total/NA	Analysis	EPA 7470A Instrument ID: HGY		1			390272	03/03/22 11:18	RJR	TAL PIT
Total/NA	Prep	410.4			1 mL	1 mL	390117	03/02/22 12:00	ELS	TAL PIT
Total/NA	Analysis	EPA 410.4 Instrument ID: GENESYS10S		1	1 mL	1 mL	390159	03/02/22 17:34	ELS	TAL PIT
Total/NA	Analysis	SM 2540C Instrument ID: NOEQUIP		1	100 mL	100 mL	389182	02/22/22 17:41	JCR	TAL PIT
Total/NA	Prep	SM 4500 CN C			6 mL	6 mL	389595	02/25/22 13:30	CMR	TAL PIT
Total/NA	Analysis	SM 4500CN E Instrument ID: SEAL2		1			389846	02/28/22 16:19	CMR	TAL PIT
Total/NA	Analysis	SM 5310C Instrument ID: SAM		1			390119	03/02/22 03:59	CMT	TAL PIT
Total/NA	Analysis	SM2320 B Instrument ID: PCTITRATOR		1			389428	02/24/22 00:35	CMT	TAL PIT
Total/NA	Analysis	Field Sampling Instrument ID: NOEQUIP		1			389804	02/16/22 11:55	FDS	TAL PIT

Client Sample ID: SWC-4
Date Collected: 02/16/22 09:15
Date Received: 02/21/22 09:30

Lab Sample ID: 180-133982-4
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	EPA 300.0 R2.1 Instrument ID: CHICS2100B		1			389510	02/25/22 22:38	JRB	TAL PIT
Total Recoverable	Prep	3005A			50 mL	50 mL	389441	02/24/22 11:53	KEM	TAL PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: A		1			389655	02/25/22 11:01	RSK	TAL PIT

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Lab Chronicle

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

Job ID: 180-133982-1

Client Sample ID: SWC-4
Date Collected: 02/16/22 09:15
Date Received: 02/21/22 09:30

Lab Sample ID: 180-133982-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7470A			25 mL	25 mL	390113	03/02/22 12:27	RJR	TAL PIT
Total/NA	Analysis	EPA 7470A		1			390272	03/03/22 11:19	RJR	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	389182	02/22/22 17:41	JCR	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM2320 B		1			389428	02/24/22 00:42	CMT	TAL PIT
Instrument ID: PCTITRATOR										
Total/NA	Analysis	Field Sampling		1			389804	02/16/22 09:15	FDS	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: SWC-5
Date Collected: 02/16/22 09:35
Date Received: 02/21/22 09:30

Lab Sample ID: 180-133982-5
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	EPA 300.0 R2.1		1			389510	02/25/22 22:53	JRB	TAL PIT
Instrument ID: CHICS2100B										
Total Recoverable	Prep	3005A			50 mL	50 mL	389441	02/24/22 11:53	KEM	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			389655	02/25/22 11:05	RSK	TAL PIT
Instrument ID: A										
Total/NA	Prep	7470A			25 mL	25 mL	390113	03/02/22 12:27	RJR	TAL PIT
Total/NA	Analysis	EPA 7470A		1			390272	03/03/22 11:23	RJR	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	389182	02/22/22 17:41	JCR	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	SM2320 B		1			389428	02/23/22 23:14	CMT	TAL PIT
Instrument ID: PCTITRATOR										
Total/NA	Analysis	Field Sampling		1			389804	02/16/22 09:35	FDS	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: SWC-6
Date Collected: 02/16/22 11:10
Date Received: 02/21/22 09:30

Lab Sample ID: 180-133982-6
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	EPA 300.0 R2.1		1			389510	02/25/22 23:08	JRB	TAL PIT
Instrument ID: CHICS2100B										
Total Recoverable	Prep	3005A			50 mL	50 mL	389441	02/24/22 11:53	KEM	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			389655	02/25/22 11:16	RSK	TAL PIT
Instrument ID: A										
Total/NA	Prep	7470A			25 mL	25 mL	390113	03/02/22 12:27	RJR	TAL PIT
Total/NA	Analysis	EPA 7470A		1			390272	03/03/22 11:24	RJR	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	389182	02/22/22 17:41	JCR	TAL PIT
Instrument ID: NOEQUIP										

Eurofins Pittsburgh

Lab Chronicle

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

Job ID: 180-133982-1

Client Sample ID: SWC-6

Lab Sample ID: 180-133982-6

Date Collected: 02/16/22 11:10

Matrix: Water

Date Received: 02/21/22 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM2320 B		1			389428	02/23/22 23:22	CMT	TAL PIT
Total/NA	Analysis	Field Sampling		1			389804	02/16/22 11:10	FDS	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: SWC-7

Lab Sample ID: 180-133982-7

Date Collected: 02/16/22 10:55

Matrix: Water

Date Received: 02/21/22 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			389510	02/25/22 23:54	JRB	TAL PIT
Instrument ID: CHICS2100B										
Total Recoverable	Prep	3005A			50 mL	50 mL	389441	02/24/22 11:53	KEM	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			389655	02/25/22 11:20	RSK	TAL PIT
Instrument ID: A										
Total/NA	Prep	7470A			25 mL	25 mL	390113	03/02/22 12:27	RJR	TAL PIT
Total/NA	Analysis	EPA 7470A		1			390272	03/03/22 11:25	RJR	TAL PIT
Instrument ID: HGY										
Total/NA	Prep	410.4			1 mL	1 mL	390117	03/02/22 12:00	ELS	TAL PIT
Total/NA	Analysis	EPA 410.4		1	1 mL	1 mL	390159	03/02/22 17:35	ELS	TAL PIT
Instrument ID: GENESYS10S										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	389182	02/22/22 17:41	JCR	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Prep	SM 4500 CN C			6 mL	6 mL	389595	02/25/22 13:30	CMR	TAL PIT
Total/NA	Analysis	SM 4500CN E		1			389846	02/28/22 16:20	CMR	TAL PIT
Instrument ID: SEAL2										
Total/NA	Analysis	SM 5310C		1			390119	03/02/22 06:33	CMT	TAL PIT
Instrument ID: SAM										
Total/NA	Analysis	SM2320 B		1			389428	02/23/22 23:29	CMT	TAL PIT
Instrument ID: PCTITRATOR										
Total/NA	Analysis	Field Sampling		1			389804	02/16/22 10:55	FDS	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: SWC-8

Lab Sample ID: 180-133982-8

Date Collected: 02/16/22 11:40

Matrix: Water

Date Received: 02/21/22 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			389510	02/26/22 00:07	JRB	TAL PIT
Instrument ID: CHICS2100B										
Total Recoverable	Prep	3005A			50 mL	50 mL	389441	02/24/22 11:53	KEM	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			389655	02/25/22 11:23	RSK	TAL PIT
Instrument ID: A										
Total/NA	Prep	7470A			25 mL	25 mL	390113	03/02/22 12:27	RJR	TAL PIT
Total/NA	Analysis	EPA 7470A		1			390272	03/03/22 11:27	RJR	TAL PIT
Instrument ID: HGY										

Eurofins Pittsburgh

Lab Chronicle

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

Job ID: 180-133982-1

Client Sample ID: SWC-8

Date Collected: 02/16/22 11:40

Date Received: 02/21/22 09:30

Lab Sample ID: 180-133982-8

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	SM 2540C		1	100 mL	100 mL	389182	02/22/22 17:41	JCR	TAL PIT
Total/NA	Analysis	SM2320 B Instrument ID: PCTITRATOR		1			389428	02/23/22 23:37	CMT	TAL PIT
Total/NA	Analysis	Field Sampling Instrument ID: NOEQUIP		1			389804	02/16/22 11:40	FDS	TAL PIT

Client Sample ID: SWC-9

Date Collected: 02/16/22 09:50

Date Received: 02/21/22 09:30

Lab Sample ID: 180-133982-9

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	EPA 300.0 R2.1 Instrument ID: CHICS2100B		1			389510	02/25/22 20:52	JRB	TAL PIT
Total Recoverable	Prep	3005A			50 mL	50 mL	389441	02/24/22 11:53	KEM	TAL PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: A		1			389655	02/25/22 11:27	RSK	TAL PIT
Total/NA	Prep	7470A			25 mL	25 mL	389940	03/01/22 13:20	RJR	TAL PIT
Total/NA	Analysis	EPA 7470A Instrument ID: HGY		1			390002	03/01/22 19:40	RJR	TAL PIT
Total/NA	Analysis	SM 2540C Instrument ID: NOEQUIP		1	100 mL	100 mL	389182	02/22/22 17:41	JCR	TAL PIT
Total/NA	Analysis	SM2320 B Instrument ID: PCTITRATOR		1			389428	02/23/22 23:45	CMT	TAL PIT
Total/NA	Analysis	Field Sampling Instrument ID: NOEQUIP		1			389804	02/16/22 09:50	FDS	TAL PIT

Laboratory References:

TAL PIT = Eurofins Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

Analyst References:

Lab: TAL PIT

Batch Type: Prep

- CMR = Carl Reagle
- ELS = Edwin Shireman
- KEM = Kimberly Mahoney
- RJR = Ron Rosenbaum

Batch Type: Analysis

- CMR = Carl Reagle
- CMT = Cassandra Tlumac
- ELS = Edwin Shireman
- FDS = Sampler Field
- JCR = Jessica Rodgers
- JRB = James Burzio
- RJR = Ron Rosenbaum
- RSK = Robert Kurtz

Client Sample Results

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

Job ID: 180-133982-1

Client Sample ID: SWA-1

Lab Sample ID: 180-133982-1

Date Collected: 02/16/22 08:55

Matrix: Water

Date Received: 02/21/22 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11		1.0	0.71	mg/L			02/25/22 21:22	1
Fluoride	0.33		0.10	0.026	mg/L			02/25/22 21:22	1
Sulfate	72		1.0	0.76	mg/L			02/25/22 21:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		02/24/22 11:53	02/25/22 10:50	1
Arsenic	0.00036	J	0.0010	0.00028	mg/L		02/24/22 11:53	02/25/22 10:50	1
Barium	0.060		0.010	0.0031	mg/L		02/24/22 11:53	02/25/22 10:50	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		02/24/22 11:53	02/25/22 10:50	1
Boron	0.29		0.080	0.060	mg/L		02/24/22 11:53	02/25/22 10:50	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		02/24/22 11:53	02/25/22 10:50	1
Calcium	19		0.50	0.13	mg/L		02/24/22 11:53	02/25/22 10:50	1
Chromium	<0.0015		0.0020	0.0015	mg/L		02/24/22 11:53	02/25/22 10:50	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		02/24/22 11:53	02/25/22 10:50	1
Copper	0.0033		0.0020	0.0011	mg/L		02/24/22 11:53	02/25/22 10:50	1
Lead	<0.00017		0.0010	0.00017	mg/L		02/24/22 11:53	02/25/22 10:50	1
Nickel	0.00095	J	0.0010	0.00052	mg/L		02/24/22 11:53	02/25/22 10:50	1
Selenium	0.00081	J	0.0050	0.00074	mg/L		02/24/22 11:53	02/25/22 10:50	1
Silver	<0.00022		0.0010	0.00022	mg/L		02/24/22 11:53	02/25/22 10:50	1
Thallium	<0.00047		0.0010	0.00047	mg/L		02/24/22 11:53	02/25/22 10:50	1
Vanadium	0.0033		0.0010	0.00078	mg/L		02/24/22 11:53	02/25/22 10:50	1
Zinc	0.0054		0.0050	0.0029	mg/L		02/24/22 11:53	02/25/22 10:50	1
Sodium	23		0.50	0.18	mg/L		02/24/22 11:53	02/25/22 10:50	1
Potassium	3.5		0.50	0.16	mg/L		02/24/22 11:53	02/25/22 10:50	1
Magnesium	8.1		0.50	0.050	mg/L		02/24/22 11:53	02/25/22 10:50	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		03/02/22 12:27	03/03/22 11:16	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chemical Oxygen Demand	16		10	9.1	mg/L		03/04/22 13:38	03/04/22 18:50	1
Total Dissolved Solids	170		10	10	mg/L			02/22/22 17:41	1
Cyanide, Total	<0.0080		0.010	0.0080	mg/L		02/25/22 13:30	02/28/22 16:15	1
Total Organic Carbon - Duplicates	5.4		1.0	0.51	mg/L			03/02/22 02:35	1
Total Alkalinity as CaCO3 to pH 4.5	51		5.0	5.0	mg/L			02/23/22 22:11	1
Bicarbonate Alkalinity as CaCO3	51		5.0	5.0	mg/L			02/23/22 22:11	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/23/22 22:11	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.82				SU			02/16/22 08:55	1

Client Sample Results

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

Job ID: 180-133982-1

Client Sample ID: SWA-2

Lab Sample ID: 180-133982-2

Date Collected: 02/16/22 12:15

Matrix: Water

Date Received: 02/21/22 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10		1.0	0.71	mg/L			02/25/22 22:08	1
Fluoride	0.076	J	0.10	0.026	mg/L			02/25/22 22:08	1
Sulfate	170		1.0	0.76	mg/L			02/25/22 22:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		02/24/22 11:53	02/25/22 10:54	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		02/24/22 11:53	02/25/22 10:54	1
Barium	0.063		0.010	0.0031	mg/L		02/24/22 11:53	02/25/22 10:54	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		02/24/22 11:53	02/25/22 10:54	1
Boron	1.1		0.080	0.060	mg/L		02/24/22 11:53	02/25/22 10:54	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		02/24/22 11:53	02/25/22 10:54	1
Calcium	33		0.50	0.13	mg/L		02/24/22 11:53	02/25/22 10:54	1
Chromium	<0.0015		0.0020	0.0015	mg/L		02/24/22 11:53	02/25/22 10:54	1
Cobalt	0.0060		0.0025	0.00026	mg/L		02/24/22 11:53	02/25/22 10:54	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/24/22 11:53	02/25/22 10:54	1
Lead	<0.00017		0.0010	0.00017	mg/L		02/24/22 11:53	02/25/22 10:54	1
Nickel	0.00097	J	0.0010	0.00052	mg/L		02/24/22 11:53	02/25/22 10:54	1
Selenium	<0.00074		0.0050	0.00074	mg/L		02/24/22 11:53	02/25/22 10:54	1
Silver	<0.00022		0.0010	0.00022	mg/L		02/24/22 11:53	02/25/22 10:54	1
Thallium	<0.00047		0.0010	0.00047	mg/L		02/24/22 11:53	02/25/22 10:54	1
Vanadium	<0.00078		0.0010	0.00078	mg/L		02/24/22 11:53	02/25/22 10:54	1
Zinc	<0.0029		0.0050	0.0029	mg/L		02/24/22 11:53	02/25/22 10:54	1
Sodium	42		0.50	0.18	mg/L		02/24/22 11:53	02/25/22 10:54	1
Potassium	1.1		0.50	0.16	mg/L		02/24/22 11:53	02/25/22 10:54	1
Magnesium	20		0.50	0.050	mg/L		02/24/22 11:53	02/25/22 10:54	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		03/02/22 12:27	03/03/22 11:17	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chemical Oxygen Demand	<9.1		10	9.1	mg/L		03/02/22 12:00	03/02/22 17:30	1
Total Dissolved Solids	340		10	10	mg/L			02/22/22 17:41	1
Cyanide, Total	0.011		0.010	0.0080	mg/L		02/25/22 13:30	02/28/22 16:17	1
Total Organic Carbon - Duplicates	1.4		1.0	0.51	mg/L			03/02/22 02:47	1
Total Alkalinity as CaCO3 to pH 4.5	56		5.0	5.0	mg/L			02/23/22 22:19	1
Bicarbonate Alkalinity as CaCO3	56		5.0	5.0	mg/L			02/23/22 22:19	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/23/22 22:19	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.02				SU			02/16/22 12:15	1

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Client Sample Results

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

Job ID: 180-133982-1

Client Sample ID: SWA-3

Lab Sample ID: 180-133982-3

Date Collected: 02/16/22 11:55

Matrix: Water

Date Received: 02/21/22 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12		1.0	0.71	mg/L			02/25/22 22:23	1
Fluoride	0.055	J	0.10	0.026	mg/L			02/25/22 22:23	1
Sulfate	110		1.0	0.76	mg/L			02/25/22 22:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		02/24/22 11:53	02/25/22 10:58	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		02/24/22 11:53	02/25/22 10:58	1
Barium	0.045		0.010	0.0031	mg/L		02/24/22 11:53	02/25/22 10:58	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		02/24/22 11:53	02/25/22 10:58	1
Boron	0.76		0.080	0.060	mg/L		02/24/22 11:53	02/25/22 10:58	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		02/24/22 11:53	02/25/22 10:58	1
Calcium	14		0.50	0.13	mg/L		02/24/22 11:53	02/25/22 10:58	1
Chromium	<0.0015		0.0020	0.0015	mg/L		02/24/22 11:53	02/25/22 10:58	1
Cobalt	0.014		0.0025	0.00026	mg/L		02/24/22 11:53	02/25/22 10:58	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/24/22 11:53	02/25/22 10:58	1
Lead	<0.00017		0.0010	0.00017	mg/L		02/24/22 11:53	02/25/22 10:58	1
Nickel	0.0026		0.0010	0.00052	mg/L		02/24/22 11:53	02/25/22 10:58	1
Selenium	<0.00074		0.0050	0.00074	mg/L		02/24/22 11:53	02/25/22 10:58	1
Silver	<0.00022		0.0010	0.00022	mg/L		02/24/22 11:53	02/25/22 10:58	1
Thallium	<0.00047		0.0010	0.00047	mg/L		02/24/22 11:53	02/25/22 10:58	1
Vanadium	<0.00078		0.0010	0.00078	mg/L		02/24/22 11:53	02/25/22 10:58	1
Zinc	0.0062		0.0050	0.0029	mg/L		02/24/22 11:53	02/25/22 10:58	1
Sodium	33		0.50	0.18	mg/L		02/24/22 11:53	02/25/22 10:58	1
Potassium	1.7		0.50	0.16	mg/L		02/24/22 11:53	02/25/22 10:58	1
Magnesium	11		0.50	0.050	mg/L		02/24/22 11:53	02/25/22 10:58	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		03/02/22 12:27	03/03/22 11:18	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chemical Oxygen Demand	<9.1		10	9.1	mg/L		03/02/22 12:00	03/02/22 17:34	1
Total Dissolved Solids	200		10	10	mg/L			02/22/22 17:41	1
Cyanide, Total	<0.0080		0.010	0.0080	mg/L		02/25/22 13:30	02/28/22 16:19	1
Total Organic Carbon - Duplicates	0.77	J	1.0	0.51	mg/L			03/02/22 03:59	1
Total Alkalinity as CaCO3 to pH 4.5	22		5.0	5.0	mg/L			02/24/22 00:35	1
Bicarbonate Alkalinity as CaCO3	22		5.0	5.0	mg/L			02/24/22 00:35	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/24/22 00:35	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.98				SU			02/16/22 11:55	1

Client Sample Results

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

Job ID: 180-133982-1

Client Sample ID: SWC-4

Lab Sample ID: 180-133982-4

Date Collected: 02/16/22 09:15

Matrix: Water

Date Received: 02/21/22 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9.0		1.0	0.71	mg/L			02/25/22 22:38	1
Fluoride	0.067	J	0.10	0.026	mg/L			02/25/22 22:38	1
Sulfate	98		1.0	0.76	mg/L			02/25/22 22:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		02/24/22 11:53	02/25/22 11:01	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		02/24/22 11:53	02/25/22 11:01	1
Barium	0.053		0.010	0.0031	mg/L		02/24/22 11:53	02/25/22 11:01	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		02/24/22 11:53	02/25/22 11:01	1
Boron	0.63		0.080	0.060	mg/L		02/24/22 11:53	02/25/22 11:01	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		02/24/22 11:53	02/25/22 11:01	1
Calcium	20		0.50	0.13	mg/L		02/24/22 11:53	02/25/22 11:01	1
Chromium	<0.0015		0.0020	0.0015	mg/L		02/24/22 11:53	02/25/22 11:01	1
Cobalt	0.0041		0.0025	0.00026	mg/L		02/24/22 11:53	02/25/22 11:01	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/24/22 11:53	02/25/22 11:01	1
Lead	<0.00017		0.0010	0.00017	mg/L		02/24/22 11:53	02/25/22 11:01	1
Nickel	0.00092	J	0.0010	0.00052	mg/L		02/24/22 11:53	02/25/22 11:01	1
Selenium	<0.00074		0.0050	0.00074	mg/L		02/24/22 11:53	02/25/22 11:01	1
Silver	<0.00022		0.0010	0.00022	mg/L		02/24/22 11:53	02/25/22 11:01	1
Thallium	<0.00047		0.0010	0.00047	mg/L		02/24/22 11:53	02/25/22 11:01	1
Vanadium	0.0012		0.0010	0.00078	mg/L		02/24/22 11:53	02/25/22 11:01	1
Zinc	<0.0029		0.0050	0.0029	mg/L		02/24/22 11:53	02/25/22 11:01	1
Sodium	27		0.50	0.18	mg/L		02/24/22 11:53	02/25/22 11:01	1
Potassium	1.1		0.50	0.16	mg/L		02/24/22 11:53	02/25/22 11:01	1
Magnesium	12		0.50	0.050	mg/L		02/24/22 11:53	02/25/22 11:01	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		03/02/22 12:27	03/03/22 11:19	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	200		10	10	mg/L			02/22/22 17:41	1
Total Alkalinity as CaCO3 to pH 4.5	50		5.0	5.0	mg/L			02/24/22 00:42	1
Bicarbonate Alkalinity as CaCO3	50		5.0	5.0	mg/L			02/24/22 00:42	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/24/22 00:42	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.29				SU			02/16/22 09:15	1

Client Sample Results

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

Job ID: 180-133982-1

Client Sample ID: SWC-5

Lab Sample ID: 180-133982-5

Date Collected: 02/16/22 09:35

Matrix: Water

Date Received: 02/21/22 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13		1.0	0.71	mg/L			02/25/22 22:53	1
Fluoride	0.29		0.10	0.026	mg/L			02/25/22 22:53	1
Sulfate	55		1.0	0.76	mg/L			02/25/22 22:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		02/24/22 11:53	02/25/22 11:05	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		02/24/22 11:53	02/25/22 11:05	1
Barium	0.045		0.010	0.0031	mg/L		02/24/22 11:53	02/25/22 11:05	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		02/24/22 11:53	02/25/22 11:05	1
Boron	0.091		0.080	0.060	mg/L		02/24/22 11:53	02/25/22 11:05	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		02/24/22 11:53	02/25/22 11:05	1
Calcium	38		0.50	0.13	mg/L		02/24/22 11:53	02/25/22 11:05	1
Chromium	0.0015	J	0.0020	0.0015	mg/L		02/24/22 11:53	02/25/22 11:05	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		02/24/22 11:53	02/25/22 11:05	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/24/22 11:53	02/25/22 11:05	1
Lead	<0.00017		0.0010	0.00017	mg/L		02/24/22 11:53	02/25/22 11:05	1
Nickel	<0.00052		0.0010	0.00052	mg/L		02/24/22 11:53	02/25/22 11:05	1
Selenium	0.0029	J	0.0050	0.00074	mg/L		02/24/22 11:53	02/25/22 11:05	1
Silver	<0.00022		0.0010	0.00022	mg/L		02/24/22 11:53	02/25/22 11:05	1
Thallium	<0.00047		0.0010	0.00047	mg/L		02/24/22 11:53	02/25/22 11:05	1
Vanadium	0.0026		0.0010	0.00078	mg/L		02/24/22 11:53	02/25/22 11:05	1
Zinc	<0.0029		0.0050	0.0029	mg/L		02/24/22 11:53	02/25/22 11:05	1
Sodium	9.9		0.50	0.18	mg/L		02/24/22 11:53	02/25/22 11:05	1
Potassium	2.8		0.50	0.16	mg/L		02/24/22 11:53	02/25/22 11:05	1
Magnesium	13		0.50	0.050	mg/L		02/24/22 11:53	02/25/22 11:05	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		03/02/22 12:27	03/03/22 11:23	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	230		10	10	mg/L			02/22/22 17:41	1
Total Alkalinity as CaCO3 to pH 4.5	93		5.0	5.0	mg/L			02/23/22 23:14	1
Bicarbonate Alkalinity as CaCO3	93		5.0	5.0	mg/L			02/23/22 23:14	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/23/22 23:14	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.15				SU			02/16/22 09:35	1

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Client Sample Results

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

Job ID: 180-133982-1

Client Sample ID: SWC-6

Lab Sample ID: 180-133982-6

Date Collected: 02/16/22 11:10

Matrix: Water

Date Received: 02/21/22 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3.0		1.0	0.71	mg/L			02/25/22 23:08	1
Fluoride	0.086	J	0.10	0.026	mg/L			02/25/22 23:08	1
Sulfate	1.4		1.0	0.76	mg/L			02/25/22 23:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		02/24/22 11:53	02/25/22 11:16	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		02/24/22 11:53	02/25/22 11:16	1
Barium	0.033		0.010	0.0031	mg/L		02/24/22 11:53	02/25/22 11:16	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		02/24/22 11:53	02/25/22 11:16	1
Boron	<0.060		0.080	0.060	mg/L		02/24/22 11:53	02/25/22 11:16	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		02/24/22 11:53	02/25/22 11:16	1
Calcium	8.5		0.50	0.13	mg/L		02/24/22 11:53	02/25/22 11:16	1
Chromium	<0.0015		0.0020	0.0015	mg/L		02/24/22 11:53	02/25/22 11:16	1
Cobalt	0.0037		0.0025	0.00026	mg/L		02/24/22 11:53	02/25/22 11:16	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/24/22 11:53	02/25/22 11:16	1
Lead	<0.00017		0.0010	0.00017	mg/L		02/24/22 11:53	02/25/22 11:16	1
Nickel	<0.00052		0.0010	0.00052	mg/L		02/24/22 11:53	02/25/22 11:16	1
Selenium	<0.00074		0.0050	0.00074	mg/L		02/24/22 11:53	02/25/22 11:16	1
Silver	<0.00022		0.0010	0.00022	mg/L		02/24/22 11:53	02/25/22 11:16	1
Thallium	<0.00047		0.0010	0.00047	mg/L		02/24/22 11:53	02/25/22 11:16	1
Vanadium	0.0014		0.0010	0.00078	mg/L		02/24/22 11:53	02/25/22 11:16	1
Zinc	<0.0029		0.0050	0.0029	mg/L		02/24/22 11:53	02/25/22 11:16	1
Sodium	5.9		0.50	0.18	mg/L		02/24/22 11:53	02/25/22 11:16	1
Potassium	0.84		0.50	0.16	mg/L		02/24/22 11:53	02/25/22 11:16	1
Magnesium	5.1		0.50	0.050	mg/L		02/24/22 11:53	02/25/22 11:16	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		03/02/22 12:27	03/03/22 11:24	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	66		10	10	mg/L			02/22/22 17:41	1
Total Alkalinity as CaCO3 to pH 4.5	55		5.0	5.0	mg/L			02/23/22 23:22	1
Bicarbonate Alkalinity as CaCO3	55		5.0	5.0	mg/L			02/23/22 23:22	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/23/22 23:22	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.42				SU			02/16/22 11:10	1

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Client Sample Results

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

Job ID: 180-133982-1

Client Sample ID: SWC-7

Lab Sample ID: 180-133982-7

Date Collected: 02/16/22 10:55

Matrix: Water

Date Received: 02/21/22 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7.8		1.0	0.71	mg/L			02/25/22 23:54	1
Fluoride	0.12		0.10	0.026	mg/L			02/25/22 23:54	1
Sulfate	69		1.0	0.76	mg/L			02/25/22 23:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		02/24/22 11:53	02/25/22 11:20	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		02/24/22 11:53	02/25/22 11:20	1
Barium	0.057		0.010	0.0031	mg/L		02/24/22 11:53	02/25/22 11:20	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		02/24/22 11:53	02/25/22 11:20	1
Boron	0.38		0.080	0.060	mg/L		02/24/22 11:53	02/25/22 11:20	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		02/24/22 11:53	02/25/22 11:20	1
Calcium	19		0.50	0.13	mg/L		02/24/22 11:53	02/25/22 11:20	1
Chromium	0.0020		0.0020	0.0015	mg/L		02/24/22 11:53	02/25/22 11:20	1
Cobalt	0.0016	J	0.0025	0.00026	mg/L		02/24/22 11:53	02/25/22 11:20	1
Copper	0.0017	J	0.0020	0.0011	mg/L		02/24/22 11:53	02/25/22 11:20	1
Lead	0.00017	J	0.0010	0.00017	mg/L		02/24/22 11:53	02/25/22 11:20	1
Nickel	0.0010		0.0010	0.00052	mg/L		02/24/22 11:53	02/25/22 11:20	1
Selenium	<0.00074		0.0050	0.00074	mg/L		02/24/22 11:53	02/25/22 11:20	1
Silver	<0.00022		0.0010	0.00022	mg/L		02/24/22 11:53	02/25/22 11:20	1
Thallium	<0.00047		0.0010	0.00047	mg/L		02/24/22 11:53	02/25/22 11:20	1
Vanadium	0.0044		0.0010	0.00078	mg/L		02/24/22 11:53	02/25/22 11:20	1
Zinc	<0.0029		0.0050	0.0029	mg/L		02/24/22 11:53	02/25/22 11:20	1
Sodium	21		0.50	0.18	mg/L		02/24/22 11:53	02/25/22 11:20	1
Potassium	1.7		0.50	0.16	mg/L		02/24/22 11:53	02/25/22 11:20	1
Magnesium	10		0.50	0.050	mg/L		02/24/22 11:53	02/25/22 11:20	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		03/02/22 12:27	03/03/22 11:25	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chemical Oxygen Demand	<9.1		10	9.1	mg/L		03/02/22 12:00	03/02/22 17:35	1
Total Dissolved Solids	190		10	10	mg/L			02/22/22 17:41	1
Cyanide, Total	<0.0080		0.010	0.0080	mg/L		02/25/22 13:30	02/28/22 16:20	1
Total Organic Carbon - Duplicates	2.4		1.0	0.51	mg/L			03/02/22 06:33	1
Total Alkalinity as CaCO3 to pH 4.5	61		5.0	5.0	mg/L			02/23/22 23:29	1
Bicarbonate Alkalinity as CaCO3	61		5.0	5.0	mg/L			02/23/22 23:29	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/23/22 23:29	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.39				SU			02/16/22 10:55	1

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Client Sample Results

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

Job ID: 180-133982-1

Client Sample ID: SWC-8

Lab Sample ID: 180-133982-8

Date Collected: 02/16/22 11:40

Matrix: Water

Date Received: 02/21/22 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10		1.0	0.71	mg/L			02/26/22 00:07	1
Fluoride	0.059	J	0.10	0.026	mg/L			02/26/22 00:07	1
Sulfate	140		1.0	0.76	mg/L			02/26/22 00:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		02/24/22 11:53	02/25/22 11:23	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		02/24/22 11:53	02/25/22 11:23	1
Barium	0.058		0.010	0.0031	mg/L		02/24/22 11:53	02/25/22 11:23	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		02/24/22 11:53	02/25/22 11:23	1
Boron	0.82		0.080	0.060	mg/L		02/24/22 11:53	02/25/22 11:23	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		02/24/22 11:53	02/25/22 11:23	1
Calcium	24		0.50	0.13	mg/L		02/24/22 11:53	02/25/22 11:23	1
Chromium	<0.0015		0.0020	0.0015	mg/L		02/24/22 11:53	02/25/22 11:23	1
Cobalt	0.0076		0.0025	0.00026	mg/L		02/24/22 11:53	02/25/22 11:23	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/24/22 11:53	02/25/22 11:23	1
Lead	<0.00017		0.0010	0.00017	mg/L		02/24/22 11:53	02/25/22 11:23	1
Nickel	0.0013		0.0010	0.00052	mg/L		02/24/22 11:53	02/25/22 11:23	1
Selenium	<0.00074		0.0050	0.00074	mg/L		02/24/22 11:53	02/25/22 11:23	1
Silver	<0.00022		0.0010	0.00022	mg/L		02/24/22 11:53	02/25/22 11:23	1
Thallium	<0.00047		0.0010	0.00047	mg/L		02/24/22 11:53	02/25/22 11:23	1
Vanadium	<0.00078		0.0010	0.00078	mg/L		02/24/22 11:53	02/25/22 11:23	1
Zinc	<0.0029		0.0050	0.0029	mg/L		02/24/22 11:53	02/25/22 11:23	1
Sodium	34		0.50	0.18	mg/L		02/24/22 11:53	02/25/22 11:23	1
Potassium	1.2		0.50	0.16	mg/L		02/24/22 11:53	02/25/22 11:23	1
Magnesium	14		0.50	0.050	mg/L		02/24/22 11:53	02/25/22 11:23	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		03/02/22 12:27	03/03/22 11:27	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	250		10	10	mg/L			02/22/22 17:41	1
Total Alkalinity as CaCO3 to pH 4.5	43		5.0	5.0	mg/L			02/23/22 23:37	1
Bicarbonate Alkalinity as CaCO3	43		5.0	5.0	mg/L			02/23/22 23:37	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/23/22 23:37	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.05				SU			02/16/22 11:40	1

Client Sample Results

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

Job ID: 180-133982-1

Client Sample ID: SWC-9

Lab Sample ID: 180-133982-9

Date Collected: 02/16/22 09:50

Matrix: Water

Date Received: 02/21/22 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3.3		1.0	0.71	mg/L			02/25/22 20:52	1
Fluoride	0.12		0.10	0.026	mg/L			02/25/22 20:52	1
Sulfate	2.7		1.0	0.76	mg/L			02/25/22 20:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		02/24/22 11:53	02/25/22 11:27	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		02/24/22 11:53	02/25/22 11:27	1
Barium	0.020		0.010	0.0031	mg/L		02/24/22 11:53	02/25/22 11:27	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		02/24/22 11:53	02/25/22 11:27	1
Boron	0.064	J	0.080	0.060	mg/L		02/24/22 11:53	02/25/22 11:27	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		02/24/22 11:53	02/25/22 11:27	1
Calcium	9.9		0.50	0.13	mg/L		02/24/22 11:53	02/25/22 11:27	1
Chromium	0.0060		0.0020	0.0015	mg/L		02/24/22 11:53	02/25/22 11:27	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		02/24/22 11:53	02/25/22 11:27	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/24/22 11:53	02/25/22 11:27	1
Lead	0.00025	J	0.0010	0.00017	mg/L		02/24/22 11:53	02/25/22 11:27	1
Nickel	<0.00052		0.0010	0.00052	mg/L		02/24/22 11:53	02/25/22 11:27	1
Selenium	<0.00074		0.0050	0.00074	mg/L		02/24/22 11:53	02/25/22 11:27	1
Silver	<0.00022		0.0010	0.00022	mg/L		02/24/22 11:53	02/25/22 11:27	1
Thallium	<0.00047		0.0010	0.00047	mg/L		02/24/22 11:53	02/25/22 11:27	1
Vanadium	0.0072		0.0010	0.00078	mg/L		02/24/22 11:53	02/25/22 11:27	1
Zinc	<0.0029		0.0050	0.0029	mg/L		02/24/22 11:53	02/25/22 11:27	1
Sodium	6.0		0.50	0.18	mg/L		02/24/22 11:53	02/25/22 11:27	1
Potassium	1.4		0.50	0.16	mg/L		02/24/22 11:53	02/25/22 11:27	1
Magnesium	4.8		0.50	0.050	mg/L		02/24/22 11:53	02/25/22 11:27	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		03/01/22 13:20	03/01/22 19:40	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	80		10	10	mg/L			02/22/22 17:41	1
Total Alkalinity as CaCO3 to pH 4.5	55		5.0	5.0	mg/L			02/23/22 23:45	1
Bicarbonate Alkalinity as CaCO3	55		5.0	5.0	mg/L			02/23/22 23:45	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/23/22 23:45	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.15				SU			02/16/22 09:50	1

QC Sample Results

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

Job ID: 180-133982-1

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

Lab Sample ID: MB 180-389510/22
Matrix: Water
Analysis Batch: 389510

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.71		1.0	0.71	mg/L			02/25/22 12:54	1
Fluoride	<0.026		0.10	0.026	mg/L			02/25/22 12:54	1
Sulfate	<0.76		1.0	0.76	mg/L			02/25/22 12:54	1

Lab Sample ID: LCS 180-389510/21
Matrix: Water
Analysis Batch: 389510

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	50.0	46.2		mg/L		92	90 - 110
Fluoride	2.50	2.42		mg/L		97	90 - 110
Sulfate	50.0	46.9		mg/L		94	90 - 110

Lab Sample ID: 180-133982-1 MS
Matrix: Water
Analysis Batch: 389510

Client Sample ID: SWA-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	11		50.0	61.5		mg/L		101	90 - 110
Fluoride	0.33		2.50	2.89		mg/L		102	90 - 110
Sulfate	72		50.0	121		mg/L		97	90 - 110

Lab Sample ID: 180-133982-1 MSD
Matrix: Water
Analysis Batch: 389510

Client Sample ID: SWA-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	11		50.0	64.0		mg/L		106	90 - 110	4	20
Fluoride	0.33		2.50	3.02		mg/L		107	90 - 110	4	20
Sulfate	72		50.0	126		mg/L		107	90 - 110	4	20

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

Lab Sample ID: MB 180-389441/1-A
Matrix: Water
Analysis Batch: 389655

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 389441

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		02/24/22 11:53	02/25/22 09:34	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		02/24/22 11:53	02/25/22 09:34	1
Barium	<0.0031		0.010	0.0031	mg/L		02/24/22 11:53	02/25/22 09:34	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		02/24/22 11:53	02/25/22 09:34	1
Boron	<0.060		0.080	0.060	mg/L		02/24/22 11:53	02/25/22 09:34	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		02/24/22 11:53	02/25/22 09:34	1
Calcium	<0.13		0.50	0.13	mg/L		02/24/22 11:53	02/25/22 09:34	1
Chromium	<0.0015		0.0020	0.0015	mg/L		02/24/22 11:53	02/25/22 09:34	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		02/24/22 11:53	02/25/22 09:34	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/24/22 11:53	02/25/22 09:34	1
Lead	<0.00017		0.0010	0.00017	mg/L		02/24/22 11:53	02/25/22 09:34	1
Nickel	<0.00052		0.0010	0.00052	mg/L		02/24/22 11:53	02/25/22 09:34	1

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QC Sample Results

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

Job ID: 180-133982-1

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

Lab Sample ID: MB 180-389441/1-A
Matrix: Water
Analysis Batch: 389655

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 389441

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	<0.00074		0.0050	0.00074	mg/L		02/24/22 11:53	02/25/22 09:34	1
Silver	<0.00022		0.0010	0.00022	mg/L		02/24/22 11:53	02/25/22 09:34	1
Thallium	<0.00047		0.0010	0.00047	mg/L		02/24/22 11:53	02/25/22 09:34	1
Vanadium	<0.00078		0.0010	0.00078	mg/L		02/24/22 11:53	02/25/22 09:34	1
Zinc	<0.0029		0.0050	0.0029	mg/L		02/24/22 11:53	02/25/22 09:34	1
Sodium	<0.18		0.50	0.18	mg/L		02/24/22 11:53	02/25/22 09:34	1
Potassium	<0.16		0.50	0.16	mg/L		02/24/22 11:53	02/25/22 09:34	1
Magnesium	<0.050		0.50	0.050	mg/L		02/24/22 11:53	02/25/22 09:34	1

Lab Sample ID: LCS 180-389441/2-A
Matrix: Water
Analysis Batch: 389655

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 389441

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	0.250	0.254		mg/L		102	80 - 120
Arsenic	1.00	0.947		mg/L		95	80 - 120
Barium	1.00	1.00		mg/L		100	80 - 120
Beryllium	0.500	0.509		mg/L		102	80 - 120
Boron	1.25	1.18		mg/L		95	80 - 120
Cadmium	0.500	0.496		mg/L		99	80 - 120
Calcium	25.0	25.6		mg/L		103	80 - 120
Chromium	0.500	0.487		mg/L		97	80 - 120
Cobalt	0.500	0.483		mg/L		97	80 - 120
Copper	0.500	0.474		mg/L		95	80 - 120
Lead	0.500	0.495		mg/L		99	80 - 120
Nickel	0.500	0.485		mg/L		97	80 - 120
Selenium	1.00	0.964		mg/L		96	80 - 120
Silver	0.250	0.244		mg/L		98	80 - 120
Thallium	1.00	1.03		mg/L		103	80 - 120
Vanadium	0.500	0.487		mg/L		97	80 - 120
Zinc	0.250	0.245		mg/L		98	80 - 120
Sodium	25.0	24.8		mg/L		99	80 - 120
Potassium	25.0	24.6		mg/L		98	80 - 120
Magnesium	25.0	24.5		mg/L		98	80 - 120

Lab Sample ID: 180-134015-B-2-A MS
Matrix: Water
Analysis Batch: 389655

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 389441

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	<0.00051		0.250	0.251		mg/L		100	75 - 125
Arsenic	<0.00028		1.00	0.960		mg/L		96	75 - 125
Barium	0.099		1.00	1.09		mg/L		99	75 - 125
Beryllium	<0.00027		0.500	0.506		mg/L		101	75 - 125
Boron	0.77		1.25	1.87		mg/L		88	75 - 125
Cadmium	<0.00022		0.500	0.488		mg/L		98	75 - 125
Calcium	110		25.0	140	4	mg/L		114	75 - 125
Chromium	<0.0015		0.500	0.493		mg/L		99	75 - 125
Cobalt	<0.00026		0.500	0.483		mg/L		97	75 - 125

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QC Sample Results

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

Job ID: 180-133982-1

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

Lab Sample ID: 180-134015-B-2-A MS
Matrix: Water
Analysis Batch: 389655

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 389441

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Copper	<0.0011		0.500	0.471		mg/L		94	75 - 125
Lead	<0.00017		0.500	0.494		mg/L		99	75 - 125
Nickel	0.00056	J	0.500	0.481		mg/L		96	75 - 125
Selenium	0.0014	J	1.00	0.958		mg/L		96	75 - 125
Silver	<0.00022		0.250	0.244		mg/L		98	75 - 125
Thallium	<0.00047		1.00	1.03		mg/L		103	75 - 125
Vanadium	<0.00078		0.500	0.492		mg/L		98	75 - 125
Zinc	<0.0029		0.250	0.243		mg/L		97	75 - 125
Sodium	3.4		25.0	28.4		mg/L		100	75 - 125
Potassium	2.6		25.0	27.1		mg/L		98	75 - 125
Magnesium	12		25.0	35.8		mg/L		96	75 - 125

Lab Sample ID: 180-134015-B-2-B MSD
Matrix: Water
Analysis Batch: 389655

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 389441

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony	<0.00051		0.250	0.255		mg/L		102	75 - 125	2	20
Arsenic	<0.00028		1.00	0.967		mg/L		97	75 - 125	1	20
Barium	0.099		1.00	1.11		mg/L		101	75 - 125	2	20
Beryllium	<0.00027		0.500	0.513		mg/L		103	75 - 125	1	20
Boron	0.77		1.25	1.98		mg/L		97	75 - 125	5	20
Cadmium	<0.00022		0.500	0.499		mg/L		100	75 - 125	2	20
Calcium	110		25.0	138	4	mg/L		108	75 - 125	1	20
Chromium	<0.0015		0.500	0.488		mg/L		98	75 - 125	1	20
Cobalt	<0.00026		0.500	0.486		mg/L		97	75 - 125	1	20
Copper	<0.0011		0.500	0.474		mg/L		95	75 - 125	1	20
Lead	<0.00017		0.500	0.499		mg/L		100	75 - 125	1	20
Nickel	0.00056	J	0.500	0.488		mg/L		97	75 - 125	1	20
Selenium	0.0014	J	1.00	0.980		mg/L		98	75 - 125	2	20
Silver	<0.00022		0.250	0.243		mg/L		97	75 - 125	0	20
Thallium	<0.00047		1.00	1.04		mg/L		104	75 - 125	1	20
Vanadium	<0.00078		0.500	0.489		mg/L		98	75 - 125	1	20
Zinc	<0.0029		0.250	0.243		mg/L		97	75 - 125	0	20
Sodium	3.4		25.0	28.1		mg/L		99	75 - 125	1	20
Potassium	2.6		25.0	27.1		mg/L		98	75 - 125	0	20
Magnesium	12		25.0	35.8		mg/L		96	75 - 125	0	20

Method: EPA 7470A - Mercury (CVAA)

Lab Sample ID: MB 180-389940/1-A
Matrix: Water
Analysis Batch: 390002

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 389940

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		03/01/22 13:20	03/01/22 19:35	1

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QC Sample Results

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

Job ID: 180-133982-1

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

Lab Sample ID: LCS 180-389940/2-A
Matrix: Water
Analysis Batch: 390002

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 389940
 %Rec.

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Mercury	0.00250	0.00266		mg/L		106	80 - 120

Lab Sample ID: 180-134011-B-1-C MS
Matrix: Water
Analysis Batch: 390002

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 389940
 %Rec.

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Mercury	<0.00013		0.00100	0.000859		mg/L		86	75 - 125

Lab Sample ID: 180-134011-B-1-D MSD
Matrix: Water
Analysis Batch: 390002

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 389940
 %Rec.

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Mercury	<0.00013		0.00100	0.000827		mg/L		83	75 - 125	4	20

Lab Sample ID: MB 180-390113/1-A
Matrix: Water
Analysis Batch: 390272

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 390113

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		03/02/22 12:27	03/03/22 10:56	1

Lab Sample ID: LCS 180-390113/2-A
Matrix: Water
Analysis Batch: 390272

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 390113
 %Rec.

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Mercury	0.00250	0.00257		mg/L		103	80 - 120

Lab Sample ID: 180-134011-C-1-C MS
Matrix: Water
Analysis Batch: 390272

Client Sample ID: Matrix Spike
Prep Type: Dissolved
Prep Batch: 390113
 %Rec.

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Mercury	<0.00013		0.00100	0.000852		mg/L		85	75 - 125

Lab Sample ID: 180-134011-C-1-D MSD
Matrix: Water
Analysis Batch: 390272

Client Sample ID: Matrix Spike Duplicate
Prep Type: Dissolved
Prep Batch: 390113
 %Rec.

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Mercury	<0.00013		0.00100	0.000820		mg/L		82	75 - 125	4	20

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QC Sample Results

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

Job ID: 180-133982-1

Method: EPA 410.4 - COD

Lab Sample ID: MB 180-390117/12-A
Matrix: Water
Analysis Batch: 390159

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 390117

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chemical Oxygen Demand	<9.1		10	9.1	mg/L		03/02/22 12:00	03/02/22 17:04	1

Lab Sample ID: MB 180-390117/36-A
Matrix: Water
Analysis Batch: 390159

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 390117

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chemical Oxygen Demand	<9.1		10	9.1	mg/L		03/02/22 12:00	03/02/22 17:19	1

Lab Sample ID: MB 180-390117/60-A
Matrix: Water
Analysis Batch: 390159

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 390117

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chemical Oxygen Demand	<9.1		10	9.1	mg/L		03/02/22 12:00	03/02/22 17:34	1

Lab Sample ID: LCS 180-390117/35-A
Matrix: Water
Analysis Batch: 390159

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 390117

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Chemical Oxygen Demand	75.0	74.8		mg/L		100	90 - 110

Lab Sample ID: LCS 180-390117/59-A
Matrix: Water
Analysis Batch: 390159

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 390117

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Chemical Oxygen Demand	75.0	77.1		mg/L		103	90 - 110

Lab Sample ID: 180-133982-2 MS
Matrix: Water
Analysis Batch: 390159

Client Sample ID: SWA-2
Prep Type: Total/NA
Prep Batch: 390117

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Chemical Oxygen Demand	<9.1		25.0	22.8		mg/L		91	90 - 110

Lab Sample ID: 180-133982-2 MSD
Matrix: Water
Analysis Batch: 390159

Client Sample ID: SWA-2
Prep Type: Total/NA
Prep Batch: 390117

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chemical Oxygen Demand	<9.1		25.0	25.1		mg/L		100	90 - 110	10	20

Lab Sample ID: MB 180-390469/84-A
Matrix: Water
Analysis Batch: 390476

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 390469

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chemical Oxygen Demand	<9.1		10	9.1	mg/L		03/04/22 13:38	03/04/22 18:43	1

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QC Sample Results

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

Job ID: 180-133982-1

Method: EPA 410.4 - COD

Lab Sample ID: LCS 180-390469/83-A
Matrix: Water
Analysis Batch: 390476

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 390469

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chemical Oxygen Demand	75.0	77.3		mg/L		103	90 - 110

Lab Sample ID: 180-134631-E-1-B MS
Matrix: Water
Analysis Batch: 390476

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 390469

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chemical Oxygen Demand	19		25.0	46.2		mg/L		108	90 - 110

Lab Sample ID: 180-134631-E-1-C MSD
Matrix: Water
Analysis Batch: 390476

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 390469

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Chemical Oxygen Demand	19		25.0	43.5		mg/L		97	90 - 110	6	20

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 180-389182/2
Matrix: Water
Analysis Batch: 389182

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			02/22/22 17:41	1

Lab Sample ID: LCS 180-389182/1
Matrix: Water
Analysis Batch: 389182

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	469	432		mg/L		92	85 - 115

Lab Sample ID: 180-133824-C-1 DU
Matrix: Water
Analysis Batch: 389182

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Total Dissolved Solids	610		610		mg/L		0.2	10

Lab Sample ID: 180-133982-6 DU
Matrix: Water
Analysis Batch: 389182

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

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Total Dissolved Solids	66		65.0		mg/L		2	10

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QC Sample Results

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

Job ID: 180-133982-1

Method: SM 4500CN E - Total Cyanide

Lab Sample ID: MB 180-389595/4-A
Matrix: Water
Analysis Batch: 389846

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 389595

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	<0.0080		0.010	0.0080	mg/L		02/25/22 13:30	02/28/22 15:34	1

Lab Sample ID: HLCS 180-389595/2-A
Matrix: Water
Analysis Batch: 389846

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 389595

Analyte	Spike Added	HLCS Result	HLCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Total	0.250	0.260		mg/L		104	90 - 110

Lab Sample ID: LCS 180-389595/3-A
Matrix: Water
Analysis Batch: 389846

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 389595

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Total	0.200	0.215		mg/L		108	90 - 110

Lab Sample ID: LLCS 180-389595/1-A
Matrix: Water
Analysis Batch: 389846

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 389595

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Total	0.0500	0.0520		mg/L		104	90 - 110

Lab Sample ID: 180-133721-D-1-C MS
Matrix: Water
Analysis Batch: 389846

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 389595

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Total	<0.0080	F1	0.200	0.216		mg/L		108	90 - 110

Lab Sample ID: 180-133721-D-1-D MSD
Matrix: Water
Analysis Batch: 389846

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 389595

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cyanide, Total	<0.0080	F1	0.200	0.225	F1	mg/L		113	90 - 110	4	20

Lab Sample ID: 180-133721-D-1-B DU
Matrix: Water
Analysis Batch: 389846

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 389595

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Cyanide, Total	<0.0080	F1	<0.0080		mg/L		NC	20

QC Sample Results

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

Job ID: 180-133982-1

Method: SM 5310C - Total Organic Carbon

Lab Sample ID: MB 180-390119/33
Matrix: Water
Analysis Batch: 390119

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 - Duplicates	<0.51		1.0	0.51	mg/L			03/02/22 05:51	1

Lab Sample ID: MB 180-390119/6
Matrix: Water
Analysis Batch: 390119

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 - Duplicates	<0.51		1.0	0.51	mg/L			03/01/22 22:07	1

Lab Sample ID: LCS 180-390119/31
Matrix: Water
Analysis Batch: 390119

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 - Duplicates	20.0	21.8		mg/L		109	85 - 115

Lab Sample ID: LCS 180-390119/4
Matrix: Water
Analysis Batch: 390119

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 - Duplicates	20.0	21.7		mg/L		109	85 - 115

Lab Sample ID: LCSD 180-390119/32
Matrix: Water
Analysis Batch: 390119

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 - Duplicates	20.0	22.1		mg/L		111	85 - 115	2	20

Lab Sample ID: LCSD 180-390119/5
Matrix: Water
Analysis Batch: 390119

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 - Duplicates	20.0	21.8		mg/L		109	85 - 115	0	20

Lab Sample ID: 180-133719-S-3 MS
Matrix: Water
Analysis Batch: 390119

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
Total Organic Carbon - Duplicates	1.5	F1	10.0	6.30	F1	mg/L		48	75 - 125

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QC Sample Results

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

Job ID: 180-133982-1

Method: SM 5310C - Total Organic Carbon (Continued)

Lab Sample ID: 180-133719-S-3 MSD
Matrix: Water
Analysis Batch: 390119

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
Total Organic Carbon - Duplicates	1.5	F1	10.0	6.16	F1	mg/L		47	75 - 125	2	20

Method: SM2320 B - Alkalinity, Total

Lab Sample ID: MB 180-389428/30
Matrix: Water
Analysis Batch: 389428

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	<5.0		5.0	5.0	mg/L			02/23/22 17:12	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/23/22 17:12	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/23/22 17:12	1

Lab Sample ID: MB 180-389428/54
Matrix: Water
Analysis Batch: 389428

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	<5.0		5.0	5.0	mg/L			02/23/22 20:00	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/23/22 20:00	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/23/22 20:00	1

Lab Sample ID: MB 180-389428/78
Matrix: Water
Analysis Batch: 389428

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	<5.0		5.0	5.0	mg/L			02/23/22 22:52	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/23/22 22:52	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/23/22 22:52	1

Lab Sample ID: LCS 180-389428/53
Matrix: Water
Analysis Batch: 389428

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	265	247		mg/L		94	90 - 110

Lab Sample ID: LCS 180-389428/77
Matrix: Water
Analysis Batch: 389428

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	265	244		mg/L		92	90 - 110

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QC Sample Results

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

Job ID: 180-133982-1

Method: SM2320 B - Alkalinity, Total (Continued)

Lab Sample ID: LLCS 180-389428/52
Matrix: Water
Analysis Batch: 389428

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

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Alkalinity as CaCO3 to pH 4.5	15.9	14.1		mg/L		89	75 - 125

Lab Sample ID: LLCS 180-389428/76
Matrix: Water
Analysis Batch: 389428

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

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Alkalinity as CaCO3 to pH 4.5	15.9	14.3		mg/L		90	75 - 125

Lab Sample ID: 180-133800-A-1 DU
Matrix: Water
Analysis Batch: 389428

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	110		113		mg/L		1	20
Bicarbonate Alkalinity as CaCO3	110		113		mg/L		1	20
Carbonate Alkalinity as CaCO3	<5.0		<5.0		mg/L		NC	20

Lab Sample ID: 180-133807-A-1 DU
Matrix: Water
Analysis Batch: 389428

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	420		441		mg/L		4	20
Bicarbonate Alkalinity as CaCO3	360		377		mg/L		5	20
Carbonate Alkalinity as CaCO3	63		63.2		mg/L		0.3	20

Lab Sample ID: 180-133807-A-5 DU
Matrix: Water
Analysis Batch: 389428

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	430		419		mg/L		4	20
Bicarbonate Alkalinity as CaCO3	370		357		mg/L		2	20
Carbonate Alkalinity as CaCO3	69		61.3		mg/L		11	20

QC Association Summary

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

Job ID: 180-133982-1

HPLC/IC

Analysis Batch: 389510

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133982-1	SWA-1	Total/NA	Water	EPA 300.0 R2.1	
180-133982-2	SWA-2	Total/NA	Water	EPA 300.0 R2.1	
180-133982-3	SWA-3	Total/NA	Water	EPA 300.0 R2.1	
180-133982-4	SWC-4	Total/NA	Water	EPA 300.0 R2.1	
180-133982-5	SWC-5	Total/NA	Water	EPA 300.0 R2.1	
180-133982-6	SWC-6	Total/NA	Water	EPA 300.0 R2.1	
180-133982-7	SWC-7	Total/NA	Water	EPA 300.0 R2.1	
180-133982-8	SWC-8	Total/NA	Water	EPA 300.0 R2.1	
180-133982-9	SWC-9	Total/NA	Water	EPA 300.0 R2.1	
MB 180-389510/22	Method Blank	Total/NA	Water	EPA 300.0 R2.1	
LCS 180-389510/21	Lab Control Sample	Total/NA	Water	EPA 300.0 R2.1	
180-133982-1 MS	SWA-1	Total/NA	Water	EPA 300.0 R2.1	
180-133982-1 MSD	SWA-1	Total/NA	Water	EPA 300.0 R2.1	

Metals

Prep Batch: 389441

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133982-1	SWA-1	Total Recoverable	Water	3005A	
180-133982-2	SWA-2	Total Recoverable	Water	3005A	
180-133982-3	SWA-3	Total Recoverable	Water	3005A	
180-133982-4	SWC-4	Total Recoverable	Water	3005A	
180-133982-5	SWC-5	Total Recoverable	Water	3005A	
180-133982-6	SWC-6	Total Recoverable	Water	3005A	
180-133982-7	SWC-7	Total Recoverable	Water	3005A	
180-133982-8	SWC-8	Total Recoverable	Water	3005A	
180-133982-9	SWC-9	Total Recoverable	Water	3005A	
MB 180-389441/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 180-389441/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
180-134015-B-2-A MS	Matrix Spike	Total Recoverable	Water	3005A	
180-134015-B-2-B MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Analysis Batch: 389655

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133982-1	SWA-1	Total Recoverable	Water	EPA 6020B	389441
180-133982-2	SWA-2	Total Recoverable	Water	EPA 6020B	389441
180-133982-3	SWA-3	Total Recoverable	Water	EPA 6020B	389441
180-133982-4	SWC-4	Total Recoverable	Water	EPA 6020B	389441
180-133982-5	SWC-5	Total Recoverable	Water	EPA 6020B	389441
180-133982-6	SWC-6	Total Recoverable	Water	EPA 6020B	389441
180-133982-7	SWC-7	Total Recoverable	Water	EPA 6020B	389441
180-133982-8	SWC-8	Total Recoverable	Water	EPA 6020B	389441
180-133982-9	SWC-9	Total Recoverable	Water	EPA 6020B	389441
MB 180-389441/1-A	Method Blank	Total Recoverable	Water	EPA 6020B	389441
LCS 180-389441/2-A	Lab Control Sample	Total Recoverable	Water	EPA 6020B	389441
180-134015-B-2-A MS	Matrix Spike	Total Recoverable	Water	EPA 6020B	389441
180-134015-B-2-B MSD	Matrix Spike Duplicate	Total Recoverable	Water	EPA 6020B	389441

Prep Batch: 389940

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133982-9	SWC-9	Total/NA	Water	7470A	

Eurofins Pittsburgh

QC Association Summary

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

Job ID: 180-133982-1

Metals (Continued)

Prep Batch: 389940 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 180-389940/1-A	Method Blank	Total/NA	Water	7470A	
LCS 180-389940/2-A	Lab Control Sample	Total/NA	Water	7470A	
180-134011-B-1-C MS	Matrix Spike	Total/NA	Water	7470A	
180-134011-B-1-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Analysis Batch: 390002

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133982-9	SWC-9	Total/NA	Water	EPA 7470A	389940
MB 180-389940/1-A	Method Blank	Total/NA	Water	EPA 7470A	389940
LCS 180-389940/2-A	Lab Control Sample	Total/NA	Water	EPA 7470A	389940
180-134011-B-1-C MS	Matrix Spike	Total/NA	Water	EPA 7470A	389940
180-134011-B-1-D MSD	Matrix Spike Duplicate	Total/NA	Water	EPA 7470A	389940

Prep Batch: 390113

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133982-1	SWA-1	Total/NA	Water	7470A	
180-133982-2	SWA-2	Total/NA	Water	7470A	
180-133982-3	SWA-3	Total/NA	Water	7470A	
180-133982-4	SWC-4	Total/NA	Water	7470A	
180-133982-5	SWC-5	Total/NA	Water	7470A	
180-133982-6	SWC-6	Total/NA	Water	7470A	
180-133982-7	SWC-7	Total/NA	Water	7470A	
180-133982-8	SWC-8	Total/NA	Water	7470A	
MB 180-390113/1-A	Method Blank	Total/NA	Water	7470A	
LCS 180-390113/2-A	Lab Control Sample	Total/NA	Water	7470A	
180-134011-C-1-C MS	Matrix Spike	Dissolved	Water	7470A	
180-134011-C-1-D MSD	Matrix Spike Duplicate	Dissolved	Water	7470A	

Analysis Batch: 390272

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133982-1	SWA-1	Total/NA	Water	EPA 7470A	390113
180-133982-2	SWA-2	Total/NA	Water	EPA 7470A	390113
180-133982-3	SWA-3	Total/NA	Water	EPA 7470A	390113
180-133982-4	SWC-4	Total/NA	Water	EPA 7470A	390113
180-133982-5	SWC-5	Total/NA	Water	EPA 7470A	390113
180-133982-6	SWC-6	Total/NA	Water	EPA 7470A	390113
180-133982-7	SWC-7	Total/NA	Water	EPA 7470A	390113
180-133982-8	SWC-8	Total/NA	Water	EPA 7470A	390113
MB 180-390113/1-A	Method Blank	Total/NA	Water	EPA 7470A	390113
LCS 180-390113/2-A	Lab Control Sample	Total/NA	Water	EPA 7470A	390113
180-134011-C-1-C MS	Matrix Spike	Dissolved	Water	EPA 7470A	390113
180-134011-C-1-D MSD	Matrix Spike Duplicate	Dissolved	Water	EPA 7470A	390113

General Chemistry

Analysis Batch: 389182

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133982-1	SWA-1	Total/NA	Water	SM 2540C	
180-133982-2	SWA-2	Total/NA	Water	SM 2540C	
180-133982-3	SWA-3	Total/NA	Water	SM 2540C	
180-133982-4	SWC-4	Total/NA	Water	SM 2540C	

Eurofins Pittsburgh

QC Association Summary

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

Job ID: 180-133982-1

General Chemistry (Continued)

Analysis Batch: 389182 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133982-5	SWC-5	Total/NA	Water	SM 2540C	
180-133982-6	SWC-6	Total/NA	Water	SM 2540C	
180-133982-7	SWC-7	Total/NA	Water	SM 2540C	
180-133982-8	SWC-8	Total/NA	Water	SM 2540C	
180-133982-9	SWC-9	Total/NA	Water	SM 2540C	
MB 180-389182/2	Method Blank	Total/NA	Water	SM 2540C	
LCS 180-389182/1	Lab Control Sample	Total/NA	Water	SM 2540C	
180-133824-C-1 DU	Duplicate	Total/NA	Water	SM 2540C	
180-133982-6 DU	SWC-6	Total/NA	Water	SM 2540C	

Analysis Batch: 389428

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133982-1	SWA-1	Total/NA	Water	SM2320 B	
180-133982-2	SWA-2	Total/NA	Water	SM2320 B	
180-133982-3	SWA-3	Total/NA	Water	SM2320 B	
180-133982-4	SWC-4	Total/NA	Water	SM2320 B	
180-133982-5	SWC-5	Total/NA	Water	SM2320 B	
180-133982-6	SWC-6	Total/NA	Water	SM2320 B	
180-133982-7	SWC-7	Total/NA	Water	SM2320 B	
180-133982-8	SWC-8	Total/NA	Water	SM2320 B	
180-133982-9	SWC-9	Total/NA	Water	SM2320 B	
MB 180-389428/30	Method Blank	Total/NA	Water	SM2320 B	
MB 180-389428/54	Method Blank	Total/NA	Water	SM2320 B	
MB 180-389428/78	Method Blank	Total/NA	Water	SM2320 B	
LCS 180-389428/53	Lab Control Sample	Total/NA	Water	SM2320 B	
LCS 180-389428/77	Lab Control Sample	Total/NA	Water	SM2320 B	
LLCS 180-389428/52	Lab Control Sample	Total/NA	Water	SM2320 B	
LLCS 180-389428/76	Lab Control Sample	Total/NA	Water	SM2320 B	
180-133800-A-1 DU	Duplicate	Total/NA	Water	SM2320 B	
180-133807-A-1 DU	Duplicate	Total/NA	Water	SM2320 B	
180-133807-A-5 DU	Duplicate	Total/NA	Water	SM2320 B	

Prep Batch: 389595

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133982-1	SWA-1	Total/NA	Water	SM 4500 CN C	
180-133982-2	SWA-2	Total/NA	Water	SM 4500 CN C	
180-133982-3	SWA-3	Total/NA	Water	SM 4500 CN C	
180-133982-7	SWC-7	Total/NA	Water	SM 4500 CN C	
MB 180-389595/4-A	Method Blank	Total/NA	Water	SM 4500 CN C	
HLCS 180-389595/2-A	Lab Control Sample	Total/NA	Water	SM 4500 CN C	
LCS 180-389595/3-A	Lab Control Sample	Total/NA	Water	SM 4500 CN C	
LLCS 180-389595/1-A	Lab Control Sample	Total/NA	Water	SM 4500 CN C	
180-133721-D-1-C MS	Matrix Spike	Total/NA	Water	SM 4500 CN C	
180-133721-D-1-D MSD	Matrix Spike Duplicate	Total/NA	Water	SM 4500 CN C	
180-133721-D-1-B DU	Duplicate	Total/NA	Water	SM 4500 CN C	

Analysis Batch: 389846

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133982-1	SWA-1	Total/NA	Water	SM 4500CN E	389595
180-133982-2	SWA-2	Total/NA	Water	SM 4500CN E	389595
180-133982-3	SWA-3	Total/NA	Water	SM 4500CN E	389595

Eurofins Pittsburgh

QC Association Summary

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

Job ID: 180-133982-1

General Chemistry (Continued)

Analysis Batch: 389846 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133982-7	SWC-7	Total/NA	Water	SM 4500CN E	389595
MB 180-389595/4-A	Method Blank	Total/NA	Water	SM 4500CN E	389595
HLCS 180-389595/2-A	Lab Control Sample	Total/NA	Water	SM 4500CN E	389595
LCS 180-389595/3-A	Lab Control Sample	Total/NA	Water	SM 4500CN E	389595
LLCS 180-389595/1-A	Lab Control Sample	Total/NA	Water	SM 4500CN E	389595
180-133721-D-1-C MS	Matrix Spike	Total/NA	Water	SM 4500CN E	389595
180-133721-D-1-D MSD	Matrix Spike Duplicate	Total/NA	Water	SM 4500CN E	389595
180-133721-D-1-B DU	Duplicate	Total/NA	Water	SM 4500CN E	389595

Prep Batch: 390117

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133982-2	SWA-2	Total/NA	Water	410.4	
180-133982-3	SWA-3	Total/NA	Water	410.4	
180-133982-7	SWC-7	Total/NA	Water	410.4	
MB 180-390117/12-A	Method Blank	Total/NA	Water	410.4	
MB 180-390117/36-A	Method Blank	Total/NA	Water	410.4	
MB 180-390117/60-A	Method Blank	Total/NA	Water	410.4	
LCS 180-390117/35-A	Lab Control Sample	Total/NA	Water	410.4	
LCS 180-390117/59-A	Lab Control Sample	Total/NA	Water	410.4	
180-133982-2 MS	SWA-2	Total/NA	Water	410.4	
180-133982-2 MSD	SWA-2	Total/NA	Water	410.4	

Analysis Batch: 390119

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133982-1	SWA-1	Total/NA	Water	SM 5310C	
180-133982-2	SWA-2	Total/NA	Water	SM 5310C	
180-133982-3	SWA-3	Total/NA	Water	SM 5310C	
180-133982-7	SWC-7	Total/NA	Water	SM 5310C	
MB 180-390119/33	Method Blank	Total/NA	Water	SM 5310C	
MB 180-390119/6	Method Blank	Total/NA	Water	SM 5310C	
LCS 180-390119/31	Lab Control Sample	Total/NA	Water	SM 5310C	
LCS 180-390119/4	Lab Control Sample	Total/NA	Water	SM 5310C	
LCS 180-390119/32	Lab Control Sample Dup	Total/NA	Water	SM 5310C	
LCS 180-390119/5	Lab Control Sample Dup	Total/NA	Water	SM 5310C	
180-133719-S-3 MS	Matrix Spike	Total/NA	Water	SM 5310C	
180-133719-S-3 MSD	Matrix Spike Duplicate	Total/NA	Water	SM 5310C	

Analysis Batch: 390159

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133982-2	SWA-2	Total/NA	Water	EPA 410.4	390117
180-133982-3	SWA-3	Total/NA	Water	EPA 410.4	390117
180-133982-7	SWC-7	Total/NA	Water	EPA 410.4	390117
MB 180-390117/12-A	Method Blank	Total/NA	Water	EPA 410.4	390117
MB 180-390117/36-A	Method Blank	Total/NA	Water	EPA 410.4	390117
MB 180-390117/60-A	Method Blank	Total/NA	Water	EPA 410.4	390117
LCS 180-390117/35-A	Lab Control Sample	Total/NA	Water	EPA 410.4	390117
LCS 180-390117/59-A	Lab Control Sample	Total/NA	Water	EPA 410.4	390117
180-133982-2 MS	SWA-2	Total/NA	Water	EPA 410.4	390117
180-133982-2 MSD	SWA-2	Total/NA	Water	EPA 410.4	390117

Eurofins Pittsburgh

QC Association Summary

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

Job ID: 180-133982-1

General Chemistry

Prep Batch: 390469

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133982-1	SWA-1	Total/NA	Water	410.4	
MB 180-390469/84-A	Method Blank	Total/NA	Water	410.4	
LCS 180-390469/83-A	Lab Control Sample	Total/NA	Water	410.4	
180-134631-E-1-B MS	Matrix Spike	Total/NA	Water	410.4	
180-134631-E-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	410.4	

Analysis Batch: 390476

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133982-1	SWA-1	Total/NA	Water	EPA 410.4	390469
MB 180-390469/84-A	Method Blank	Total/NA	Water	EPA 410.4	390469
LCS 180-390469/83-A	Lab Control Sample	Total/NA	Water	EPA 410.4	390469
180-134631-E-1-B MS	Matrix Spike	Total/NA	Water	EPA 410.4	390469
180-134631-E-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	EPA 410.4	390469

Field Service / Mobile Lab

Analysis Batch: 389804

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133982-1	SWA-1	Total/NA	Water	Field Sampling	
180-133982-2	SWA-2	Total/NA	Water	Field Sampling	
180-133982-3	SWA-3	Total/NA	Water	Field Sampling	
180-133982-4	SWC-4	Total/NA	Water	Field Sampling	
180-133982-5	SWC-5	Total/NA	Water	Field Sampling	
180-133982-6	SWC-6	Total/NA	Water	Field Sampling	
180-133982-7	SWC-7	Total/NA	Water	Field Sampling	
180-133982-8	SWC-8	Total/NA	Water	Field Sampling	
180-133982-9	SWC-9	Total/NA	Water	Field Sampling	

TestAmerica Pittsburgh

301 Alpha Drive
 RIDC Park
 Pittsburgh, PA 15238-2907
 phone 412.963.7058 fax 412.963.2468

Chain of Custody Record

244-ATLANTA

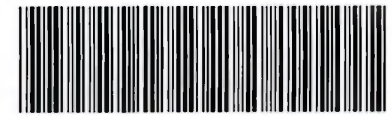
TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: DW NPDES RCRA Other:

Client Contact		Project Manager: Dawn Prell		Site Contact: Dawn Prell		Date: 2/17/2022		COC No:				
Joju Abraham		Tel/Fax: 248-536-5445		Lab Contact: Shali Brown		Carrier:		1 of 1 COCs				
Southern Company		Analysis Turnaround Time		Filtered Sample (Y/N) Perform MS / MSD (Y / N) 6020, 7470A: As, Ba, B, Be, Ca, Cd, Cr, Co, Cu, Pb, Hg, Ni, Sb, Se, Ag, Ti, Vn, Zn Cations: Na, Mg, K Alkalinity (total, CO3, HCO3) Cl, F, So4, TDS COD TOC Cyanide		Sampler: For Lab Use Only: Walk-in Client: Lab Sampling: Job / SDG No.:		Sample Specific Notes:				
241 Ralph McGill Blvd SE B10185		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS										
Atlanta, GA 30308		TAT if different from Below _____										
JAbraham@southernco.com		<input checked="" type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day										
Project Name: Plant Scherer Surface Water												
Site: Georgia												
P O #												
Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.							
SWA-1	2/16/2022	08:55	G	Water	7	X	X	X	X			
SWA-2	2/16/2022	12:15	G	Water	7	X	X	X	X			
SWA-3	2/16/2022	11:55	G	Water	7	X	X	X	X			
SWC-4	2/16/2022	09:15	G	Water	3	X	X	X	X			
SWC-5	2/16/2022	09:35	G	Water	3	X	X	X	X			
SWC-6	2/16/2022	11:10	G	Water	3	X	X	X	X			
SWC-7	2/16/2022	10:55	G	Water	7	X	X	X	X			
SWC-8	2/16/2022	11:40	G	Water	3	X	X	X	X			
SWC-9	2/16/2022	09:50	G	Water	3	X	X	X	X			
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other						4	4	1	1	3	3	5
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample. <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown						Sample Disposal (A fee may be assessed if sam, ...) <input type="checkbox"/> Return to Client <input type="checkbox"/> Disposal by Lab <input type="checkbox"/> Archive for _____ Months						
Special Instructions/QC Requirements & Comments:												
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.:		Coc Cooler Temp. (°C): Obs'd:		Corr'd:		Therm ID No.:				
Relinquished by: <i>reel</i>		Company: <i>Goldier</i>		Date/Time: <i>2-17-22/10:30</i>		Received by: <i>Michael Maske</i>		Company:		Date/Time: <i>2-17-22 10:30</i>		
Relinquished by: <i>Michael Maske</i>		Company:		Date/Time: <i>2-17-22 12:30</i>		Received by: <i>[Signature]</i>		Company:		Date/Time: <i>2/17/22 9:30</i>		
Relinquished by:		Company:		Date/Time:		Received in Laboratory by:		Company:		Date/Time:		



180-133982 Chain of Custody

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 180-133982-1

Login Number: 133982

List Source: Eurofins Pittsburgh

List Number: 1

Creator: Kovitch, Christina M

Question	Answer	Comment
Radioactivity wasn't checked or is \leq 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.	False	Cooler 3042 8.7°C
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.	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 <math><6\text{mm}</math> (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



ANALYTICAL REPORT

Eurofins Pittsburgh
301 Alpha Drive
RIDC Park
Pittsburgh, PA 15238
Tel: (412)963-7058

Laboratory Job ID: 180-133985-1
Client Project/Site: Plant Scherer Effluent

For:
Southern Company
241 Ralph McGill Blvd SE
B10185
Atlanta, Georgia 30308

Attn: Joju Abraham



Authorized for release by:
3/3/2022 9:13:38 PM

Shali Brown, Project Manager II
(615)301-5031
Shali.Brown@Eurofinset.com

LINKS

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results through
TotalAccess

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www.eurofinsus.com/Env

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

PA Lab ID: 02-00416



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Case Narrative

Client: Southern Company
Project/Site: Plant Scherer Effluent

Job ID: 180-133985-1

Job ID: 180-133985-1

Laboratory: Eurofins Pittsburgh

Narrative

**Job Narrative
180-133985-1**

Receipt

The sample was received on 2/21/2022 9:30 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 8.7°C

Metals

Method 6020B: The following sample was diluted due to the nature of the sample matrix: Effluent (180-133985-1). Elevated reporting limits (RLs) are provided.

Method 7470A: The following sample was prepped/digested at a dilution due to the nature of the sample matrix: Effluent (180-133985-1). Elevated reporting limits (RLs) are provided.

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



Definitions/Glossary

Client: Southern Company
Project/Site: Plant Scherer Effluent

Job ID: 180-133985-1

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.
α	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

Accreditation/Certification Summary

Client: Southern Company
 Project/Site: Plant Scherer Effluent

Job ID: 180-133985-1

Laboratory: Eurofins Pittsburgh

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Arkansas DEQ	State	19-033-0	06-27-22
California	State	2891	04-30-22
Connecticut	State	PH-0688	09-30-22
Florida	NELAP	E871008	06-30-22
Georgia	State	PA 02-00416	04-30-22
Illinois	NELAP	004375	06-30-22
Kansas	NELAP	E-10350	01-31-22 *
Kentucky (UST)	State	162013	04-30-22
Kentucky (WW)	State	KY98043	12-31-22
Louisiana	NELAP	04041	06-30-22
Maine	State	PA00164	03-06-22
Minnesota	NELAP	042-999-482	12-31-22
Nevada	State	PA00164	08-31-22
New Hampshire	NELAP	2030	04-05-22
New Jersey	NELAP	PA005	06-30-23
New York	NELAP	11182	04-02-22
North Carolina (WW/SW)	State	434	12-31-22
North Dakota	State	R-227	04-30-22
Oregon	NELAP	PA-2151	02-06-22 *
Pennsylvania	NELAP	02-00416	04-30-22
Rhode Island	State	LAO00362	12-31-21 *
South Carolina	State	89014	06-30-22
Texas	NELAP	T104704528	03-31-22
USDA	Federal	P-Soil-01	06-26-22
USDA	US Federal Programs	P330-16-00211	06-26-22
Utah	NELAP	PA001462019-8	05-31-22
Virginia	NELAP	10043	09-15-22
West Virginia DEP	State	142	01-31-23
Wisconsin	State	998027800	08-31-22

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Sample Summary

Client: Southern Company
Project/Site: Plant Scherer Effluent

Job ID: 180-133985-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
180-133985-1	Effluent	Water	02/16/22 13:33	02/21/22 09:30

1

2

3

4

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13

Method Summary

Client: Southern Company
Project/Site: Plant Scherer Effluent

Job ID: 180-133985-1

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

Protocol References:

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

Laboratory References:

TAL PIT = Eurofins Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058



Lab Chronicle

Client: Southern Company
 Project/Site: Plant Scherer Effluent

Job ID: 180-133985-1

Client Sample ID: Effluent

Lab Sample ID: 180-133985-1

Date Collected: 02/16/22 13:33

Matrix: Water

Date Received: 02/21/22 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			2.5 mL	25 mL	389538	02/25/22 07:59	KFS	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			389850	02/26/22 10:11	RSK	TAL PIT
Instrument ID: A										
Total/NA	Prep	7470A			2.5 mL	25 mL	389940	03/01/22 13:20	RJR	TAL PIT
Total/NA	Analysis	EPA 7470A		1			390002	03/01/22 20:00	RJR	TAL PIT
Instrument ID: HGY										

Laboratory References:

TAL PIT = Eurofins Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

Analyst References:

Lab: TAL PIT

Batch Type: Prep

KFS = Kelly Shannon

RJR = Ron Rosenbaum

Batch Type: Analysis

RJR = Ron Rosenbaum

RSK = Robert Kurtz

Client Sample Results

Client: Southern Company
 Project/Site: Plant Scherer Effluent

Job ID: 180-133985-1

Client Sample ID: Effluent

Lab Sample ID: 180-133985-1

Date Collected: 02/16/22 13:33

Matrix: Water

Date Received: 02/21/22 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.031		0.020	0.0051	mg/L		02/25/22 07:59	02/26/22 10:11	1
Arsenic	0.083		0.010	0.0028	mg/L		02/25/22 07:59	02/26/22 10:11	1
Barium	0.73		0.10	0.031	mg/L		02/25/22 07:59	02/26/22 10:11	1
Beryllium	<0.0027		0.025	0.0027	mg/L		02/25/22 07:59	02/26/22 10:11	1
Cadmium	0.069		0.025	0.0022	mg/L		02/25/22 07:59	02/26/22 10:11	1
Chromium	0.73		0.020	0.015	mg/L		02/25/22 07:59	02/26/22 10:11	1
Cobalt	0.032		0.025	0.0026	mg/L		02/25/22 07:59	02/26/22 10:11	1
Copper	0.16		0.020	0.011	mg/L		02/25/22 07:59	02/26/22 10:11	1
Lead	0.059		0.010	0.0017	mg/L		02/25/22 07:59	02/26/22 10:11	1
Nickel	0.52		0.010	0.0052	mg/L		02/25/22 07:59	02/26/22 10:11	1
Selenium	0.077		0.050	0.0074	mg/L		02/25/22 07:59	02/26/22 10:11	1
Silver	0.0039	J	0.010	0.0022	mg/L		02/25/22 07:59	02/26/22 10:11	1
Thallium	<0.0047		0.010	0.0047	mg/L		02/25/22 07:59	02/26/22 10:11	1
Vanadium	0.30		0.010	0.0078	mg/L		02/25/22 07:59	02/26/22 10:11	1
Zinc	3.6		0.050	0.029	mg/L		02/25/22 07:59	02/26/22 10:11	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.040		0.0020	0.0013	mg/L		03/01/22 13:20	03/01/22 20:00	1

QC Sample Results

Client: Southern Company
Project/Site: Plant Scherer Effluent

Job ID: 180-133985-1

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

Lab Sample ID: MB 180-389538/1-A
Matrix: Water
Analysis Batch: 389850

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 389538

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00051		0.0020	0.00051	mg/L		02/25/22 07:59	02/26/22 09:11	1
Arsenic	<0.00028		0.0010	0.00028	mg/L		02/25/22 07:59	02/26/22 09:11	1
Barium	<0.0031		0.010	0.0031	mg/L		02/25/22 07:59	02/26/22 09:11	1
Beryllium	<0.00027		0.0025	0.00027	mg/L		02/25/22 07:59	02/26/22 09:11	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		02/25/22 07:59	02/26/22 09:11	1
Chromium	<0.0015		0.0020	0.0015	mg/L		02/25/22 07:59	02/26/22 09:11	1
Cobalt	<0.00026		0.0025	0.00026	mg/L		02/25/22 07:59	02/26/22 09:11	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/25/22 07:59	02/26/22 09:11	1
Lead	<0.00017		0.0010	0.00017	mg/L		02/25/22 07:59	02/26/22 09:11	1
Nickel	<0.00052		0.0010	0.00052	mg/L		02/25/22 07:59	02/26/22 09:11	1
Selenium	<0.00074		0.0050	0.00074	mg/L		02/25/22 07:59	02/26/22 09:11	1
Silver	<0.00022		0.0010	0.00022	mg/L		02/25/22 07:59	02/26/22 09:11	1
Thallium	<0.00047		0.0010	0.00047	mg/L		02/25/22 07:59	02/26/22 09:11	1
Vanadium	<0.00078		0.0010	0.00078	mg/L		02/25/22 07:59	02/26/22 09:11	1
Zinc	<0.0029		0.0050	0.0029	mg/L		02/25/22 07:59	02/26/22 09:11	1

Lab Sample ID: LCS 180-389538/2-A
Matrix: Water
Analysis Batch: 389850

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 389538

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	0.250	0.242		mg/L		97	80 - 120
Arsenic	1.00	0.948		mg/L		95	80 - 120
Barium	1.00	0.957		mg/L		96	80 - 120
Beryllium	0.500	0.498		mg/L		100	80 - 120
Cadmium	0.500	0.480		mg/L		96	80 - 120
Chromium	0.500	0.478		mg/L		96	80 - 120
Cobalt	0.500	0.477		mg/L		95	80 - 120
Copper	0.500	0.462		mg/L		92	80 - 120
Lead	0.500	0.488		mg/L		98	80 - 120
Nickel	0.500	0.479		mg/L		96	80 - 120
Selenium	1.00	0.954		mg/L		95	80 - 120
Silver	0.250	0.240		mg/L		96	80 - 120
Thallium	1.00	0.971		mg/L		97	80 - 120
Vanadium	0.500	0.478		mg/L		96	80 - 120
Zinc	0.250	0.242		mg/L		97	80 - 120

Lab Sample ID: 180-134138-E-1-B MS
Matrix: Water
Analysis Batch: 389850

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 389538

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	<0.00051		0.250	0.247		mg/L		99	75 - 125
Arsenic	0.00060	J	1.00	0.934		mg/L		93	75 - 125
Barium	0.024		1.00	1.00		mg/L		98	75 - 125
Beryllium	<0.00027		0.500	0.479		mg/L		96	75 - 125
Cadmium	<0.00022		0.500	0.476		mg/L		95	75 - 125
Chromium	<0.0015		0.500	0.480		mg/L		96	75 - 125
Cobalt	0.021		0.500	0.488		mg/L		93	75 - 125

Eurofins Pittsburgh

QC Sample Results

Client: Southern Company
Project/Site: Plant Scherer Effluent

Job ID: 180-133985-1

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

Lab Sample ID: 180-134138-E-1-B MS
Matrix: Water
Analysis Batch: 389850

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 389538

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.	
	Result	Qualifier	Added	Result	Qualifier				Limits	
Copper	<0.0011		0.500	0.453		mg/L		91	75 - 125	
Lead	<0.00017		0.500	0.479		mg/L		96	75 - 125	
Nickel	0.0064		0.500	0.471		mg/L		93	75 - 125	
Selenium	<0.00074		1.00	0.927		mg/L		93	75 - 125	
Silver	<0.00022		0.250	0.239		mg/L		95	75 - 125	
Thallium	<0.00047		1.00	0.962		mg/L		96	75 - 125	
Vanadium	<0.00078		0.500	0.484		mg/L		97	75 - 125	
Zinc	0.0090		0.250	0.238		mg/L		91	75 - 125	

Lab Sample ID: 180-134138-E-1-C MSD
Matrix: Water
Analysis Batch: 389850

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 389538

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.		RPD	
	Result	Qualifier	Added	Result	Qualifier				Limits	RPD	Limit	
Antimony	<0.00051		0.250	0.244		mg/L		98	75 - 125	1	20	
Arsenic	0.00060	J	1.00	0.998		mg/L		100	75 - 125	7	20	
Barium	0.024		1.00	1.03		mg/L		101	75 - 125	3	20	
Beryllium	<0.00027		0.500	0.514		mg/L		103	75 - 125	7	20	
Cadmium	<0.00022		0.500	0.504		mg/L		101	75 - 125	6	20	
Chromium	<0.0015		0.500	0.511		mg/L		102	75 - 125	6	20	
Cobalt	0.021		0.500	0.514		mg/L		99	75 - 125	5	20	
Copper	<0.0011		0.500	0.479		mg/L		96	75 - 125	6	20	
Lead	<0.00017		0.500	0.505		mg/L		101	75 - 125	5	20	
Nickel	0.0064		0.500	0.498		mg/L		98	75 - 125	6	20	
Selenium	<0.00074		1.00	0.978		mg/L		98	75 - 125	5	20	
Silver	<0.00022		0.250	0.241		mg/L		96	75 - 125	1	20	
Thallium	<0.00047		1.00	1.01		mg/L		101	75 - 125	5	20	
Vanadium	<0.00078		0.500	0.512		mg/L		102	75 - 125	6	20	
Zinc	0.0090		0.250	0.242		mg/L		93	75 - 125	2	20	

Method: EPA 7470A - Mercury (CVAA)

Lab Sample ID: MB 180-389940/1-A
Matrix: Water
Analysis Batch: 390002

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 389940

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Mercury	<0.00013		0.00020	0.00013	mg/L		03/01/22 13:20	03/01/22 19:35	1

Lab Sample ID: LCS 180-389940/2-A
Matrix: Water
Analysis Batch: 390002

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 389940

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec.	
	Added	Result	Qualifier				Limits	
Mercury	0.00250	0.00266		mg/L		106	80 - 120	

QC Sample Results

Client: Southern Company
 Project/Site: Plant Scherer Effluent

Job ID: 180-133985-1

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

Lab Sample ID: 180-134011-B-1-C MS

Matrix: Water

Analysis Batch: 390002

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 389940

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	<0.00013		0.00100	0.000859		mg/L		86	75 - 125

Lab Sample ID: 180-134011-B-1-D MSD

Matrix: Water

Analysis Batch: 390002

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 389940

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	<0.00013		0.00100	0.000827		mg/L		83	75 - 125	4	20



QC Association Summary

Client: Southern Company
 Project/Site: Plant Scherer Effluent

Job ID: 180-133985-1

Metals

Prep Batch: 389538

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133985-1	Effluent	Total Recoverable	Water	3005A	
MB 180-389538/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 180-389538/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
180-134138-E-1-B MS	Matrix Spike	Total Recoverable	Water	3005A	
180-134138-E-1-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Analysis Batch: 389850

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133985-1	Effluent	Total Recoverable	Water	EPA 6020B	389538
MB 180-389538/1-A	Method Blank	Total Recoverable	Water	EPA 6020B	389538
LCS 180-389538/2-A	Lab Control Sample	Total Recoverable	Water	EPA 6020B	389538
180-134138-E-1-B MS	Matrix Spike	Total Recoverable	Water	EPA 6020B	389538
180-134138-E-1-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	EPA 6020B	389538

Prep Batch: 389940

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133985-1	Effluent	Total/NA	Water	7470A	
MB 180-389940/1-A	Method Blank	Total/NA	Water	7470A	
LCS 180-389940/2-A	Lab Control Sample	Total/NA	Water	7470A	
180-134011-B-1-C MS	Matrix Spike	Total/NA	Water	7470A	
180-134011-B-1-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Analysis Batch: 390002

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-133985-1	Effluent	Total/NA	Water	EPA 7470A	389940
MB 180-389940/1-A	Method Blank	Total/NA	Water	EPA 7470A	389940
LCS 180-389940/2-A	Lab Control Sample	Total/NA	Water	EPA 7470A	389940
180-134011-B-1-C MS	Matrix Spike	Total/NA	Water	EPA 7470A	389940
180-134011-B-1-D MSD	Matrix Spike Duplicate	Total/NA	Water	EPA 7470A	389940

TestAmerica Pittsburgh

301 Alpha Drive
RIDC Park
Pittsburgh, PA 15238-2907
phone 412.963.7058 fax 412.963.2468

Chain of Custody Record

ATLANTA

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: DW NPDES RCRA Other:

Client Contact Joju Abraham Southern Company 241 Ralph McGill Blvd SE B10185 Atlanta, GA 30308 JAbraham@southernco.com Project Name: CCR - Plant Scherer Effluent Site: Georgia P O #		Project Manager: Dawn Prell Tel/Fax: 248-536-5445 Analysis Turnaround Time <input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS TAT if different from Below _____ <input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day		Site Contact: Dawn Prell Lab Contact: Shali Brown Date: 2/17/2022 Carrier:		COC No: _____ #1 of 1 COCs Sampler: For Lab Use Only: Walk-in Client: Lab Sampling: Job / SDG No.:
---	--	---	--	---	--	--

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Sb, As, Ba, Be, Cd, Cr, Co, Cu, Pb, Hg, Ni, Se, Ag, Tl, Vn, Zn	Sample Specific Notes:
Effluent	2/16/2022	13:33	G	Water	1			X	Collected from Unit 1



Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other 4

Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample. <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return to Client <input type="checkbox"/> Disposal by Lab <input type="checkbox"/> Archive for _____ Months
---	---

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No	Custody Seal No.:	Cooler Temp. (°C): Obs'd: _____	Corr'd: _____	Therm ID No.:
Relinquished by: <i>[Signature]</i>	Company: <i>Goldor</i>	Date/Time: <i>2-17-22/10:30</i>	Received by: <i>[Signature]</i>	Company: _____
Relinquished by: <i>[Signature]</i>	Company: _____	Date/Time: <i>2/17/22 10:30</i>	Received by: <i>[Signature]</i>	Company: <i>ETA</i>
Relinquished by: _____	Company: _____	Date/Time: _____	Received in Laboratory by: <i>[Signature]</i>	Company: _____

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 180-133985-1

Login Number: 133985

List Number: 1

Creator: Kovitch, Christina M

List Source: Eurofins Pittsburgh

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.	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").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

APPENDIX B

Laboratory Analytical Data May
2022

ANALYTICAL REPORT

Eurofins Pittsburgh
301 Alpha Drive
RIDC Park
Pittsburgh, PA 15238
Tel: (412)963-7058

Laboratory Job ID: 180-138181-1

Client Project/Site: Plant Scherer Cell 1 Resampling

For:

Southern Company
241 Ralph McGill Blvd SE
B10185
Atlanta, Georgia 30308

Attn: Joju Abraham



Authorized for release by:

6/6/2022 6:01:28 PM

Shali Brown, Project Manager II
(615)301-5031

Shali.Brown@et.eurofinsus.com

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

PA Lab ID: 02-00416



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Case Narrative

Client: Southern Company
Project/Site: Plant Scherer Cell 1 Resampling

Job ID: 180-138181-1

Job ID: 180-138181-1

Laboratory: Eurofins Pittsburgh

Narrative

**Job Narrative
180-138181-1**

Receipt

The samples were received on 5/14/2022 3:32 PM. 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 2.3°C

Receipt Exceptions

The Field Sampler was not listed on the Chain of Custody.

HPLC/IC

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 180-400314 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery 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.



Definitions/Glossary

Client: Southern Company
Project/Site: Plant Scherer Cell 1 Resampling

Job ID: 180-138181-1

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.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	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

Accreditation/Certification Summary

Client: Southern Company
 Project/Site: Plant Scherer Cell 1 Resampling

Job ID: 180-138181-1

Laboratory: Eurofins Pittsburgh

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Arkansas DEQ	State	19-033-0	06-27-22
California	State	2891	04-30-22 *
Connecticut	State	PH-0688	09-30-22
Florida	NELAP	E871008	06-30-22
Georgia	State	PA 02-00416	04-30-23
Illinois	NELAP	004375	06-30-22
Kansas	NELAP	E-10350	03-31-23
Kentucky (UST)	State	162013	04-30-22 *
Kentucky (WW)	State	KY98043	12-31-22
Louisiana	NELAP	04041	06-30-22
Maine	State	PA00164	03-06-24
Minnesota	NELAP	042-999-482	12-31-22
Nevada	State	PA00164	08-31-22
New Hampshire	NELAP	2030	04-04-23
New Jersey	NELAP	PA005	06-30-23
New York	NELAP	11182	04-01-23
North Carolina (WW/SW)	State	434	12-31-22
North Dakota	State	R-227	04-30-22 *
Oregon	NELAP	PA-2151	02-07-23
Pennsylvania	NELAP	02-00416	04-30-23
Rhode Island	State	LAO00362	12-31-21 *
South Carolina	State	89014	06-30-22
Texas	NELAP	T104704528	03-31-23
USDA	Federal	P-Soil-01	06-26-22
USDA	US Federal Programs	P330-16-00211	06-26-22
Utah	NELAP	PA001462019-8	05-31-22 *
Virginia	NELAP	10043	09-14-22
West Virginia DEP	State	142	01-31-23
Wisconsin	State	998027800	08-31-22

* Accreditation/Certification renewal pending - accreditation/certification considered valid.



Sample Summary

Client: Southern Company
Project/Site: Plant Scherer Cell 1 Resampling

Job ID: 180-138181-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
180-138181-1	GWC-1	Water	05/12/22 11:03	05/14/22 15:32
180-138181-2	GWC-4	Water	05/12/22 10:54	05/14/22 15:32
180-138181-3	GWC-5	Water	05/12/22 12:36	05/14/22 15:32
180-138181-4	GWC-10	Water	05/12/22 12:25	05/14/22 15:32
180-138181-5	FB-1	Water	05/12/22 11:25	05/14/22 15:32
180-138181-6	EB-1	Water	05/12/22 12:45	05/14/22 15:32
180-138181-7	DUP-1	Water	05/12/22 00:00	05/14/22 15:32

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Method Summary

Client: Southern Company
Project/Site: Plant Scherer Cell 1 Resampling

Job ID: 180-138181-1

Method	Method Description	Protocol	Laboratory
EPA 300.0 R2.1	Anions, Ion Chromatography	EPA	TAL PIT
EPA 6020B	Metals (ICP/MS)	SW846	TAL PIT
Field Sampling	Field Sampling	EPA	TAL PIT
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	TAL PIT

Protocol References:

EPA = US Environmental Protection Agency

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

Laboratory References:

TAL PIT = Eurofins Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058



Lab Chronicle

Client: Southern Company
 Project/Site: Plant Scherer Cell 1 Resampling

Job ID: 180-138181-1

Client Sample ID: GWC-1
Date Collected: 05/12/22 11:03
Date Received: 05/14/22 15:32

Lab Sample ID: 180-138181-1
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	EPA 300.0 R2.1 Instrument ID: CHIC2100A		1			400314	05/29/22 20:55	LWM	TAL PIT
Total/NA	Analysis	Field Sampling Instrument ID: NOEQUIP		1			398929	05/12/22 11:03	FDS	TAL PIT

Client Sample ID: GWC-4
Date Collected: 05/12/22 10:54
Date Received: 05/14/22 15:32

Lab Sample ID: 180-138181-2
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	EPA 300.0 R2.1 Instrument ID: CHIC2100A		1			400332	05/30/22 16:46	LWM	TAL PIT
Total Recoverable	Prep	3005A			25 mL	25 mL	400718	06/02/22 16:13	NAF	TAL PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: DORY		1			400890	06/04/22 00:36	RSK	TAL PIT
Total/NA	Analysis	Field Sampling Instrument ID: NOEQUIP		1			398929	05/12/22 10:54	FDS	TAL PIT

Client Sample ID: GWC-5
Date Collected: 05/12/22 12:36
Date Received: 05/14/22 15:32

Lab Sample ID: 180-138181-3
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	EPA 300.0 R2.1 Instrument ID: CHIC2100A		1			400314	05/29/22 21:54	LWM	TAL PIT
Total/NA	Analysis	Field Sampling Instrument ID: NOEQUIP		1			398929	05/12/22 12:36	FDS	TAL PIT

Client Sample ID: GWC-10
Date Collected: 05/12/22 12:25
Date Received: 05/14/22 15:32

Lab Sample ID: 180-138181-4
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	EPA 300.0 R2.1 Instrument ID: CHIC2100A		1			400314	05/29/22 22:39	LWM	TAL PIT
Total/NA	Analysis	Field Sampling Instrument ID: NOEQUIP		1			398929	05/12/22 12:25	FDS	TAL PIT

Client Sample ID: FB-1
Date Collected: 05/12/22 11:25
Date Received: 05/14/22 15:32

Lab Sample ID: 180-138181-5
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	EPA 300.0 R2.1 Instrument ID: CHIC2100A		1			400314	05/29/22 22:54	LWM	TAL PIT

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Lab Chronicle

Client: Southern Company
Project/Site: Plant Scherer Cell 1 Resampling

Job ID: 180-138181-1

Client Sample ID: FB-1

Date Collected: 05/12/22 11:25

Date Received: 05/14/22 15:32

Lab Sample ID: 180-138181-5

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	25 mL	400718	06/02/22 16:13	NAF	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			400890	06/04/22 00:39	RSK	TAL PIT
Instrument ID: DORY										

Client Sample ID: EB-1

Date Collected: 05/12/22 12:45

Date Received: 05/14/22 15:32

Lab Sample ID: 180-138181-6

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	EPA 300.0 R2.1		1			400314	05/29/22 23:09	LWM	TAL PIT
Instrument ID: CHIC2100A										
Total Recoverable	Prep	3005A			25 mL	25 mL	400718	06/02/22 16:13	NAF	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			400890	06/04/22 00:43	RSK	TAL PIT
Instrument ID: DORY										

Client Sample ID: DUP-1

Date Collected: 05/12/22 00:00

Date Received: 05/14/22 15:32

Lab Sample ID: 180-138181-7

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	EPA 300.0 R2.1		1			400314	05/29/22 23:24	LWM	TAL PIT
Instrument ID: CHIC2100A										
Total Recoverable	Prep	3005A			25 mL	25 mL	400718	06/02/22 16:13	NAF	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			400890	06/04/22 00:46	RSK	TAL PIT
Instrument ID: DORY										

Laboratory References:

TAL PIT = Eurofins Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

Analyst References:

Lab: TAL PIT

Batch Type: Prep

NAF = Nicholas Frankos

Batch Type: Analysis

FDS = Sampler Field

LWM = Larry Matko

RSK = Robert Kurtz

Client Sample Results

Client: Southern Company
Project/Site: Plant Scherer Cell 1 Resampling

Job ID: 180-138181-1

Client Sample ID: GWC-1
Date Collected: 05/12/22 11:03
Date Received: 05/14/22 15:32

Lab Sample ID: 180-138181-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	0.048	J	0.10	0.026	mg/L			05/29/22 20:55	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.55				SU			05/12/22 11:03	1

- 1
- 2
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Client Sample Results

Client: Southern Company
 Project/Site: Plant Scherer Cell 1 Resampling

Job ID: 180-138181-1

Client Sample ID: GWC-4
 Date Collected: 05/12/22 10:54
 Date Received: 05/14/22 15:32

Lab Sample ID: 180-138181-2
 Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	33		1.0	0.76	mg/L			05/30/22 16:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	0.060		0.010	0.0031	mg/L		06/02/22 16:13	06/04/22 00:36	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.19				SU			05/12/22 10:54	1

- 1
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Client Sample Results

Client: Southern Company
Project/Site: Plant Scherer Cell 1 Resampling

Job ID: 180-138181-1

Client Sample ID: GWC-5
Date Collected: 05/12/22 12:36
Date Received: 05/14/22 15:32

Lab Sample ID: 180-138181-3
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	0.030	J F1	0.10	0.026	mg/L			05/29/22 21:54	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	5.99				SU			05/12/22 12:36	1

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Client Sample Results

Client: Southern Company
Project/Site: Plant Scherer Cell 1 Resampling

Job ID: 180-138181-1

Client Sample ID: GWC-10

Lab Sample ID: 180-138181-4

Date Collected: 05/12/22 12:25

Matrix: Water

Date Received: 05/14/22 15:32

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	2.7		1.0	0.76	mg/L			05/29/22 22:39	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.31				SU			05/12/22 12:25	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Scherer Cell 1 Resampling

Job ID: 180-138181-1

Client Sample ID: FB-1

Lab Sample ID: 180-138181-5

Date Collected: 05/12/22 11:25

Matrix: Water

Date Received: 05/14/22 15:32

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	<0.026		0.10	0.026	mg/L			05/29/22 22:54	1
Sulfate	<0.76		1.0	0.76	mg/L			05/29/22 22:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	<0.0031		0.010	0.0031	mg/L		06/02/22 16:13	06/04/22 00:39	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Scherer Cell 1 Resampling

Job ID: 180-138181-1

Client Sample ID: EB-1

Lab Sample ID: 180-138181-6

Date Collected: 05/12/22 12:45

Matrix: Water

Date Received: 05/14/22 15:32

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	<0.026		0.10	0.026	mg/L			05/29/22 23:09	1
Sulfate	<0.76		1.0	0.76	mg/L			05/29/22 23:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	<0.0031		0.010	0.0031	mg/L		06/02/22 16:13	06/04/22 00:43	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Scherer Cell 1 Resampling

Job ID: 180-138181-1

Client Sample ID: DUP-1

Lab Sample ID: 180-138181-7

Date Collected: 05/12/22 00:00

Matrix: Water

Date Received: 05/14/22 15:32

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	0.050	J	0.10	0.026	mg/L			05/29/22 23:24	1
Sulfate	31		1.0	0.76	mg/L			05/29/22 23:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	0.061		0.010	0.0031	mg/L		06/02/22 16:13	06/04/22 00:46	1

QC Sample Results

Client: Southern Company
Project/Site: Plant Scherer Cell 1 Resampling

Job ID: 180-138181-1

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

Lab Sample ID: MB 180-400314/7
Matrix: Water
Analysis Batch: 400314

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	<0.026		0.10	0.026	mg/L			05/29/22 15:28	1
Sulfate	<0.76		1.0	0.76	mg/L			05/29/22 15:28	1

Lab Sample ID: LCS 180-400314/5
Matrix: Water
Analysis Batch: 400314

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoride	2.50	2.44		mg/L		98	90 - 110
Sulfate	50.0	51.7		mg/L		103	90 - 110

Lab Sample ID: 180-138181-3 MS
Matrix: Water
Analysis Batch: 400314

Client Sample ID: GWC-5
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoride	0.030	J F1	2.50	1.13	F1	mg/L		44	90 - 110
Sulfate	110	F1	50.0	135	F1	mg/L		47	90 - 110

Lab Sample ID: 180-138181-3 MSD
Matrix: Water
Analysis Batch: 400314

Client Sample ID: GWC-5
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Fluoride	0.030	J F1	2.50	1.30	F1	mg/L		51	90 - 110	14	20
Sulfate	110	F1	50.0	135	F1	mg/L		48	90 - 110	0	20

Lab Sample ID: MB 180-400332/7
Matrix: Water
Analysis Batch: 400332

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	<0.026		0.10	0.026	mg/L			05/30/22 12:34	1
Sulfate	<0.76		1.0	0.76	mg/L			05/30/22 12:34	1

Lab Sample ID: LCS 180-400332/5
Matrix: Water
Analysis Batch: 400332

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoride	2.50	2.46		mg/L		98	90 - 110
Sulfate	50.0	51.8		mg/L		104	90 - 110

Lab Sample ID: 180-138236-D-1 MS
Matrix: Water
Analysis Batch: 400332

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
Fluoride	0.073	J	2.50	2.68		mg/L		104	90 - 110
Sulfate	54		50.0	106		mg/L		104	90 - 110

Eurofins Pittsburgh

QC Sample Results

Client: Southern Company
 Project/Site: Plant Scherer Cell 1 Resampling

Job ID: 180-138181-1

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

Lab Sample ID: 180-138236-D-1 MSD
Matrix: Water
Analysis Batch: 400332

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
Fluoride	0.073	J	2.50	2.66		mg/L		103	90 - 110	1	20
Sulfate	54		50.0	105		mg/L		102	90 - 110	1	20

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

Lab Sample ID: MB 180-400718/1-A
Matrix: Water
Analysis Batch: 400890

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 400718

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	<0.0031		0.010	0.0031	mg/L		06/02/22 16:13	06/04/22 00:01	1

Lab Sample ID: LCS 180-400718/2-A
Matrix: Water
Analysis Batch: 400890

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 400718

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Barium	1.00	0.993		mg/L		99	80 - 120

Lab Sample ID: 630-32520-H-5-I MS
Matrix: Water
Analysis Batch: 400890

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 400718

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Barium	<0.0031		1.00	0.980		mg/L		98	75 - 125

Lab Sample ID: 630-32520-H-5-J MSD
Matrix: Water
Analysis Batch: 400890

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 400718

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Barium	<0.0031		1.00	0.967		mg/L		97	75 - 125	1	20

QC Association Summary

Client: Southern Company
Project/Site: Plant Scherer Cell 1 Resampling

Job ID: 180-138181-1

HPLC/IC

Analysis Batch: 400314

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-138181-1	GWC-1	Total/NA	Water	EPA 300.0 R2.1	
180-138181-3	GWC-5	Total/NA	Water	EPA 300.0 R2.1	
180-138181-4	GWC-10	Total/NA	Water	EPA 300.0 R2.1	
180-138181-5	FB-1	Total/NA	Water	EPA 300.0 R2.1	
180-138181-6	EB-1	Total/NA	Water	EPA 300.0 R2.1	
180-138181-7	DUP-1	Total/NA	Water	EPA 300.0 R2.1	
MB 180-400314/7	Method Blank	Total/NA	Water	EPA 300.0 R2.1	
LCS 180-400314/5	Lab Control Sample	Total/NA	Water	EPA 300.0 R2.1	
180-138181-3 MS	GWC-5	Total/NA	Water	EPA 300.0 R2.1	
180-138181-3 MSD	GWC-5	Total/NA	Water	EPA 300.0 R2.1	

Analysis Batch: 400332

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-138181-2	GWC-4	Total/NA	Water	EPA 300.0 R2.1	
MB 180-400332/7	Method Blank	Total/NA	Water	EPA 300.0 R2.1	
LCS 180-400332/5	Lab Control Sample	Total/NA	Water	EPA 300.0 R2.1	
180-138236-D-1 MS	Matrix Spike	Total/NA	Water	EPA 300.0 R2.1	
180-138236-D-1 MSD	Matrix Spike Duplicate	Total/NA	Water	EPA 300.0 R2.1	

Metals

Prep Batch: 400718

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-138181-2	GWC-4	Total Recoverable	Water	3005A	
180-138181-5	FB-1	Total Recoverable	Water	3005A	
180-138181-6	EB-1	Total Recoverable	Water	3005A	
180-138181-7	DUP-1	Total Recoverable	Water	3005A	
MB 180-400718/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 180-400718/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
630-32520-H-5-I MS	Matrix Spike	Total Recoverable	Water	3005A	
630-32520-H-5-J MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Analysis Batch: 400890

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-138181-2	GWC-4	Total Recoverable	Water	EPA 6020B	400718
180-138181-5	FB-1	Total Recoverable	Water	EPA 6020B	400718
180-138181-6	EB-1	Total Recoverable	Water	EPA 6020B	400718
180-138181-7	DUP-1	Total Recoverable	Water	EPA 6020B	400718
MB 180-400718/1-A	Method Blank	Total Recoverable	Water	EPA 6020B	400718
LCS 180-400718/2-A	Lab Control Sample	Total Recoverable	Water	EPA 6020B	400718
630-32520-H-5-I MS	Matrix Spike	Total Recoverable	Water	EPA 6020B	400718
630-32520-H-5-J MSD	Matrix Spike Duplicate	Total Recoverable	Water	EPA 6020B	400718

Field Service / Mobile Lab

Analysis Batch: 398929

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-138181-1	GWC-1	Total/NA	Water	Field Sampling	
180-138181-2	GWC-4	Total/NA	Water	Field Sampling	
180-138181-3	GWC-5	Total/NA	Water	Field Sampling	
180-138181-4	GWC-10	Total/NA	Water	Field Sampling	

Eurofins Pittsburgh

TestAmerica Pittsburgh

301 Alpha Drive
 RIDC Park
 Pittsburgh, PA 15238-2907
 phone 412.963.7058 fax 412.963.2468

Chain of Custody Record

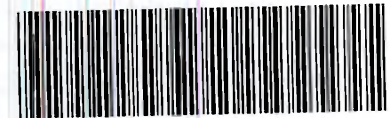


TestAmerica Laboratories, Inc.

Regulatory Program: DW NPDES RCRA Other:

Client Contact		Project Manager: Dawn Prell		Site Contact: Dawn Prell		Date: 5/12/2022		COC No:	
Joju Abraham		Tel/Fax: 248-536-5445		Lab Contact: Shali Brown		Carrier:		COCs: <u> </u> of <u> </u> COCs	
Southern Company		Analysis Turnaround Time		Filtered Sample (Y / N) Perform MS / MSD (Y / N) 6020, 7470A: Barium only Fluoride Sulfate				Sampler:	
241 Ralph McGill Blvd SE B10185		<input checked="" type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS						For Lab Use Only:	
Atlanta, GA 30308		TAT if different from Below <u> </u> 3-5 days						Walk-in Client:	
JAbraham@southernco.com		<input type="checkbox"/> 2 weeks						Lab Sampling:	
Project Name: Plant Scherer Cell 1 Resampling		<input type="checkbox"/> 1 week						Job / SDG No.:	
Site: Georgia		<input type="checkbox"/> 2 days						Sample Specific Notes:	
P O #		<input type="checkbox"/> 1 day							

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	6020, 7470A: Barium only	Fluoride	Sulfate	Sample Specific Notes:
GWC-1	5/12/2022	11:03	G	GW	1				X		pH= 6.55
GWC-4	5/12/2022	10:54	G	GW	2		X			X	pH= 6.19
GWC-5	5/12/2022	12:36	G	GW	1				X		pH= 5.99
GWC-10	5/12/2022	12:25	G	GW	1					X	pH= 6.31
FB-1	5/12/2022	11:25	G	W	2		X	X	X		
EB-1	5/12/2022	12:45	G	W	2		X	X	X		
Dup-1	5/12/2022	--	G	GW	2		X	X	X		



180-138181 Chain of Custody

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other

Possible Hazard Identification:
 Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

Non-Hazard Flammable Poison B Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
 Return to Client Disposal by Lab Archive for Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: Yes No **Custody Seal No.:** **Cooler Temp. (°C): Obs'd:** **Corr'd:** **Therm ID No.:**

Relinquished by: <i>Connor M. Kilius</i>	Company: <i>Golder</i>	Date/Time: <i>5/13/22 9:30</i>	Received by: <i>Brian L</i>	Company: <i>Golder</i>	Date/Time: <i>5/12/22 9:30</i>
Relinquished by: <i>Brian L</i>	Company: <i>Golder</i>	Date/Time: <i>5/13/22 9:30</i>	Received by: <i>D Waters</i>	Company: <i>Golder</i>	Date/Time: <i>5-14-22 9:00</i>
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 180-138181-1

Login Number: 138181

List Source: Eurofins Pittsburgh

List Number: 1

Creator: Watson, Debbie

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?	False	
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").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



APPENDIX B

Laboratory Accreditation

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

BUREAU OF LABORATORIES

LABORATORY ACCREDITATION PROGRAM

Certifies That

02-00416

Eurofins TestAmerica Laboratories Pittsburgh

301 Alpha Drive, Pittsburgh, PA, 15238

Having duly met the requirement of

The act of June 29, 2002 (P.L. 596, No. 90)

dealing with Environmental Laboratories Accreditation

(27 Pa. C.S. 4104-4113) and the

National Environmental Laboratory Accreditation Program Standard

is hereby approved as an

Accredited Laboratory

to conduct analysis within the fields of accreditations more fully described in the attached Scope of Accreditation

NELAP accreditation granted by the PA DEP to an environmental laboratory is conditioned upon continued compliance with the current edition of the NELAC Standard or TNI Standard and the following Subchapters and Sections of 25 Pa. Code Chapter 252: Subchapter A (relating to general provisions); Subchapter B (relating to application, fees and supporting documents); Subchapter E (relating to proficiency test study requirements); Subchapter F (relating to assessment requirements); Subchapter G (relating to miscellaneous provisions); Section 252.307; and Section 252.401.

Expiration Date: **04/30/2022**

Certificate Number: **018**



Annamarie Beach

Annamarie Beach, Chief
Laboratory Accreditation Program
Bureau of Laboratories

Continued accreditation status depends on successful ongoing participation in the program
Certificate not transferable Surrender upon revocation
To be conspicuously displayed at the Laboratory
Not valid unless accompanied by a valid Scope of Accreditation
Shall not be used to imply endorsement by the Commonwealth of Pennsylvania
Customers are urged to verify the laboratory's current accreditation status
PA DEP is a NELAP recognized accreditation body

Attached to Certificate of Accreditation 018-001 expiration date 04/30/2022. This listing of accredited analytes should be used only when associated with a valid certificate of accreditation.

Eurofins TestAmerica Laboratories Pittsburgh
301 Alpha Drive
Pittsburgh, PA 15238
(412) 963-7058

DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Non-Potable Water

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
ASTM D5057-90		Apparent specific gravity	NELAP	PA	09/27/2010
ASTM D5057-90		Bulk density	NELAP	PA	09/27/2010
EPA 1010	A	Ignitability	NELAP	PA	03/04/2013
EPA 120.1		Conductivity	NELAP	PA	11/15/2011
EPA 1311		Toxicity characteristic leaching procedure (TCLP)	NELAP	PA	12/05/2013
EPA 160.4		Residue, volatile	NELAP	PA	02/03/2016
EPA 1664	A	Non-polar material	NELAP	PA	08/24/2005
EPA 1664	A	Oil and grease	NELAP	PA	04/07/2005
EPA 1664	B	Non-polar material	NELAP	PA	01/10/2014
EPA 1664	B	Oil and grease	NELAP	PA	01/10/2014
EPA 180.1		Turbidity	NELAP	PA	08/26/2006
EPA 200.7	4.4	Aluminum	NELAP	PA	04/07/2005
EPA 200.7	4.4	Antimony	NELAP	PA	04/07/2005
EPA 200.7	4.4	Arsenic	NELAP	PA	04/07/2005
EPA 200.7	4.4	Barium	NELAP	PA	04/07/2005
EPA 200.7	4.4	Beryllium	NELAP	PA	04/07/2005
EPA 200.7	4.4	Boron	NELAP	PA	04/07/2005
EPA 200.7	4.4	Cadmium	NELAP	PA	04/07/2005
EPA 200.7	4.4	Calcium	NELAP	PA	04/07/2005
EPA 200.7	4.4	Chromium	NELAP	PA	04/07/2005
EPA 200.7	4.4	Cobalt	NELAP	PA	04/07/2005
EPA 200.7	4.4	Copper	NELAP	PA	04/07/2005
EPA 200.7	4.4	Iron	NELAP	PA	04/07/2005
EPA 200.7	4.4	Lead	NELAP	PA	04/07/2005
EPA 200.7	4.4	Lithium	NELAP	PA	09/05/2012
EPA 200.7	4.4	Magnesium	NELAP	PA	04/07/2005
EPA 200.7	4.4	Manganese	NELAP	PA	04/07/2005
EPA 200.7	4.4	Molybdenum	NELAP	PA	04/07/2005
EPA 200.7	4.4	Nickel	NELAP	PA	04/07/2005
EPA 200.7	4.4	Potassium	NELAP	PA	04/07/2005
EPA 200.7	4.4	Selenium	NELAP	PA	04/07/2005
EPA 200.7	4.4	Silica, as SiO2	NELAP	PA	08/24/2005
EPA 200.7	4.4	Silver	NELAP	PA	04/07/2005
EPA 200.7	4.4	Sodium	NELAP	PA	04/07/2005
EPA 200.7	4.4	Strontium	NELAP	PA	03/01/2007
EPA 200.7	4.4	Thallium	NELAP	PA	04/07/2005
EPA 200.7	4.4	Tin	NELAP	PA	04/07/2005
EPA 200.7	4.4	Titanium	NELAP	PA	04/07/2005
EPA 200.7	4.4	Vanadium	NELAP	PA	04/07/2005
EPA 200.7	4.4	Zinc	NELAP	PA	04/07/2005
EPA 200.8	5.4	Aluminum	NELAP	PA	04/07/2005
EPA 200.8	5.4	Antimony	NELAP	PA	04/07/2005

AnnMarie Beach

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Eurofins TestAmerica Laboratories Pittsburgh
301 Alpha Drive
Pittsburgh, PA 15238
(412) 963-7058

DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Non-Potable Water

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 200.8	5.4	Arsenic	NELAP	PA	03/21/2012
EPA 200.8	5.4	Barium	NELAP	PA	04/07/2005
EPA 200.8	5.4	Beryllium	NELAP	PA	04/07/2005
EPA 200.8	5.4	Boron	NELAP	PA	08/24/2005
EPA 200.8	5.4	Cadmium	NELAP	PA	04/07/2005
EPA 200.8	5.4	Calcium	NELAP	PA	08/24/2005
EPA 200.8	5.4	Chromium	NELAP	PA	04/07/2005
EPA 200.8	5.4	Cobalt	NELAP	PA	04/07/2005
EPA 200.8	5.4	Copper	NELAP	PA	11/15/2011
EPA 200.8	5.4	Iron	NELAP	PA	08/24/2005
EPA 200.8	5.4	Lead	NELAP	PA	04/07/2005
EPA 200.8	5.4	Lithium	NELAP	PA	03/24/2017
EPA 200.8	5.4	Magnesium	NELAP	PA	08/24/2005
EPA 200.8	5.4	Manganese	NELAP	PA	01/22/2007
EPA 200.8	5.4	Molybdenum	NELAP	PA	04/07/2005
EPA 200.8	5.4	Nickel	NELAP	PA	04/07/2005
EPA 200.8	5.4	Phosphorus, total	NELAP	PA	04/19/2018
EPA 200.8	5.4	Potassium	NELAP	PA	08/24/2005
EPA 200.8	5.4	Selenium	NELAP	PA	04/07/2005
EPA 200.8	5.4	Silica, as SiO ₂	NELAP	PA	04/18/2006
EPA 200.8	5.4	Silver	NELAP	PA	04/07/2005
EPA 200.8	5.4	Sodium	NELAP	PA	08/24/2005
EPA 200.8	5.4	Strontium	NELAP	PA	03/01/2007
EPA 200.8	5.4	Thallium	NELAP	PA	04/07/2005
EPA 200.8	5.4	Thorium	NELAP	PA	03/24/2017
EPA 200.8	5.4	Tin	NELAP	PA	08/24/2005
EPA 200.8	5.4	Titanium	NELAP	PA	08/24/2005
EPA 200.8	5.4	Uranium (mass)	NELAP	PA	03/24/2017
EPA 200.8	5.4	Vanadium	NELAP	PA	04/07/2005
EPA 200.8	5.4	Zinc	NELAP	PA	04/07/2005
EPA 245.1	3.0	Mercury	NELAP	PA	04/07/2005
EPA 300.0	2.1	Bromide	NELAP	PA	08/24/2005
EPA 300.0	2.1	Chloride	NELAP	PA	04/07/2005
EPA 300.0	2.1	Fluoride	NELAP	PA	08/24/2005
EPA 300.0	2.1	Nitrate as N	NELAP	PA	04/07/2005
EPA 300.0	2.1	Nitrite as N	NELAP	PA	04/07/2005
EPA 300.0	2.1	Orthophosphate as P	NELAP	PA	04/07/2005
EPA 300.0	2.1	Sulfate	NELAP	PA	04/07/2005
EPA 3005	A	Preconcentration under acid	NELAP	PA	08/26/2006
EPA 3010	A	Hot plate acid digestion (HNO ₃ + HCl)	NELAP	PA	08/26/2006
EPA 3060	A	Alkaline digestion of Cr(VI)	NELAP	PA	08/26/2006
EPA 350.1	2.0	Ammonia as N	NELAP	PA	07/11/2016

Annmarie Beach

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Eurofins TestAmerica Laboratories Pittsburgh
301 Alpha Drive
Pittsburgh, PA 15238
(412) 963-7058

DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Non-Potable Water

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 351.2		Kjeldahl nitrogen, total (TKN)	NELAP	PA	07/22/2020
EPA 3510	C	Separatory funnel liquid-liquid extraction	NELAP	PA	08/26/2006
EPA 3520	C	Continuous liquid-liquid extraction	NELAP	PA	08/26/2006
EPA 353.2		Total nitrate-nitrite	NELAP	PA	08/26/2006
EPA 3620	B	Florisil cleanup	NELAP	PA	08/26/2006
EPA 3620	C	Florisil cleanup	NELAP	PA	03/16/2009
EPA 3640	A	Gel permeation cleanup (GPC)	NELAP	PA	08/26/2006
EPA 365.4		Phosphorus, total	NELAP	PA	07/22/2020
EPA 3660	B	Sulfur cleanup	NELAP	PA	08/26/2006
EPA 3665	A	Sulfuric acid/permanganate clean-up	NELAP	PA	12/30/2019
EPA 410.4	2.0	Chemical oxygen demand (COD)	NELAP	PA	10/13/2020
EPA 420.1		Total phenolics	NELAP	PA	04/08/2008
EPA 5030	B	Aqueous-phase purge-and-trap	NELAP	PA	03/04/2013
EPA 5030	C	Aqueous-phase purge-and-trap	NELAP	PA	12/05/2013
EPA 6010	B	Metals by ICP/AES	NELAP	PA	04/08/2009
EPA 6010	C	Metals by ICP/AES	NELAP	PA	03/16/2009
EPA 6010	D	Metals by ICP/AES	NELAP	PA	06/05/2019
EPA 6010	B, C, D	Aluminum	NELAP	PA	08/26/2006
EPA 6010	B, C, D	Antimony	NELAP	PA	08/26/2006
EPA 6010	B, C, D	Arsenic	NELAP	PA	08/26/2006
EPA 6010	B, C, D	Barium	NELAP	PA	08/26/2006
EPA 6010	B, C, D	Beryllium	NELAP	PA	08/26/2006
EPA 6010	B, C, D	Boron	NELAP	PA	08/26/2006
EPA 6010	B, C, D	Cadmium	NELAP	PA	08/26/2006
EPA 6010	B, C, D	Calcium	NELAP	PA	08/26/2006
EPA 6010	B, C, D	Chromium	NELAP	PA	08/26/2006
EPA 6010	B, C, D	Cobalt	NELAP	PA	08/26/2006
EPA 6010	B, C, D	Copper	NELAP	PA	08/26/2006
EPA 6010	B, C, D	Iron	NELAP	PA	08/26/2006
EPA 6010	B, C, D	Lead	NELAP	PA	08/26/2006
EPA 6010	B, C, D	Lithium	NELAP	PA	08/26/2006
EPA 6010	B, C, D	Magnesium	NELAP	PA	08/26/2006
EPA 6010	B, C, D	Manganese	NELAP	PA	08/26/2006
EPA 6010	B, C, D	Molybdenum	NELAP	PA	08/26/2006
EPA 6010	B, C, D	Nickel	NELAP	PA	08/26/2006
EPA 6010	B, C, D	Potassium	NELAP	PA	08/26/2006
EPA 6010	B, C, D	Selenium	NELAP	PA	08/26/2006
EPA 6010	B, C, D	Silica, as SiO2	NELAP	PA	04/18/2006
EPA 6010	B, C, D	Silicon	NELAP	PA	06/03/2010
EPA 6010	B, C, D	Silver	NELAP	PA	08/26/2006
EPA 6010	B, C, D	Sodium	NELAP	PA	08/26/2006
EPA 6010	B, C, D	Strontium	NELAP	PA	08/26/2006

Annmarie Beach

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Eurofins TestAmerica Laboratories Pittsburgh
301 Alpha Drive
Pittsburgh, PA 15238
(412) 963-7058

DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Non-Potable Water

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 6010	B, C, D	Thallium	NELAP	PA	08/26/2006
EPA 6010	B, C, D	Tin	NELAP	PA	08/26/2006
EPA 6010	B, C, D	Titanium	NELAP	PA	08/26/2006
EPA 6010	B, C, D	Vanadium	NELAP	PA	08/26/2006
EPA 6010	B, C, D	Zinc	NELAP	PA	08/26/2006
EPA 6020	A	Metals by ICP/MS	NELAP	PA	03/16/2009
EPA 6020	B	Metals by ICP/MS	NELAP	PA	06/05/2019
EPA 6020		Metals by ICP/MS	NELAP	PA	07/26/2019
EPA 6020	A, B	Aluminum	NELAP	PA	08/26/2006
EPA 6020	A, B	Antimony	NELAP	PA	08/26/2006
EPA 6020	A, B	Arsenic	NELAP	PA	03/21/2012
EPA 6020	A, B	Barium	NELAP	PA	08/26/2006
EPA 6020	A, B	Beryllium	NELAP	PA	08/26/2006
EPA 6020	A, B	Boron	NELAP	PA	08/26/2006
EPA 6020	A, B	Cadmium	NELAP	PA	08/26/2006
EPA 6020	A, B	Calcium	NELAP	PA	08/26/2006
EPA 6020	A, B	Chromium	NELAP	PA	08/26/2006
EPA 6020	A, B	Cobalt	NELAP	PA	08/26/2006
EPA 6020	A, B	Copper	NELAP	PA	11/15/2011
EPA 6020	A, B	Iron	NELAP	PA	08/26/2006
EPA 6020	A, B	Lead	NELAP	PA	08/26/2006
EPA 6020	A, B	Lithium	NELAP	PA	03/24/2017
EPA 6020	A, B	Magnesium	NELAP	PA	08/26/2006
EPA 6020	A, B	Manganese	NELAP	PA	01/22/2007
EPA 6020	A, B	Molybdenum	NELAP	PA	08/26/2006
EPA 6020	A, B	Nickel	NELAP	PA	08/26/2006
EPA 6020	A, B	Phosphorus, total	NELAP	PA	04/19/2018
EPA 6020	A, B	Potassium	NELAP	PA	08/26/2006
EPA 6020	A, B	Selenium	NELAP	PA	08/26/2006
EPA 6020	A, B	Silica, as SiO ₂	NELAP	PA	04/18/2006
EPA 6020	A, B	Silicon	NELAP	PA	06/03/2010
EPA 6020	A, B	Silver	NELAP	PA	08/26/2006
EPA 6020	A, B	Sodium	NELAP	PA	08/26/2006
EPA 6020	A, B	Strontium	NELAP	PA	08/26/2006
EPA 6020	A, B	Thallium	NELAP	PA	08/26/2006
EPA 6020	A, B	Thorium	NELAP	PA	03/24/2017
EPA 6020	A, B	Tin	NELAP	PA	08/26/2006
EPA 6020	A, B	Titanium	NELAP	PA	08/26/2006
EPA 6020	A, B	Uranium (mass)	NELAP	PA	03/24/2017
EPA 6020	A, B	Vanadium	NELAP	PA	08/26/2006
EPA 6020	A, B	Zinc	NELAP	PA	08/26/2006
EPA 608		4,4'-DDD	NELAP	PA	04/07/2005

Ammerie Black

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Eurofins TestAmerica Laboratories Pittsburgh
301 Alpha Drive
Pittsburgh, PA 15238
(412) 963-7058

DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Non-Potable Water

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 608		4,4'-DDE	NELAP	PA	04/07/2005
EPA 608		4,4'-DDT	NELAP	PA	04/07/2005
EPA 608		Aldrin (HHDN)	NELAP	PA	04/07/2005
EPA 608		Aroclor-1016 (PCB-1016)	NELAP	PA	04/07/2005
EPA 608		Aroclor-1221 (PCB-1221)	NELAP	PA	04/07/2005
EPA 608		Aroclor-1232 (PCB-1232)	NELAP	PA	04/07/2005
EPA 608		Aroclor-1242 (PCB-1242)	NELAP	PA	04/07/2005
EPA 608		Aroclor-1248 (PCB-1248)	NELAP	PA	04/07/2005
EPA 608		Aroclor-1254 (PCB-1254)	NELAP	PA	04/07/2005
EPA 608		Aroclor-1260 (PCB-1260)	NELAP	PA	04/07/2005
EPA 608		Aroclor-1262 (PCB-1262)	NELAP	PA	04/08/2009
EPA 608		Aroclor-1268 (PCB-1268)	NELAP	PA	04/08/2009
EPA 608		Chlordane (tech.)	NELAP	PA	04/07/2005
EPA 608		Dieldrin	NELAP	PA	04/07/2005
EPA 608		Endosulfan I	NELAP	PA	04/07/2005
EPA 608		Endosulfan II	NELAP	PA	04/07/2005
EPA 608		Endosulfan sulfate	NELAP	PA	04/07/2005
EPA 608		Endrin	NELAP	PA	04/07/2005
EPA 608		Endrin aldehyde	NELAP	PA	11/07/2006
EPA 608		Endrin ketone	NELAP	PA	03/01/2007
EPA 608		Heptachlor	NELAP	PA	04/07/2005
EPA 608		Heptachlor epoxide	NELAP	PA	04/07/2005
EPA 608		Methoxychlor	NELAP	PA	04/18/2006
EPA 608		Toxaphene (Chlorinated camphene)	NELAP	PA	04/07/2005
EPA 608		alpha-BHC (alpha-Hexachlorocyclohexane)	NELAP	PA	04/07/2005
EPA 608		alpha-Chlordane	NELAP	PA	04/18/2006
EPA 608		beta-BHC (beta-Hexachlorocyclohexane)	NELAP	PA	11/04/2016
EPA 608		delta-BHC (delta-Hexachlorocyclohexane)	NELAP	PA	04/07/2005
EPA 608		gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)	NELAP	PA	04/07/2005
EPA 608		gamma-Chlordane	NELAP	PA	04/18/2006
EPA 608.3		4,4'-DDD	NELAP	PA	04/19/2018
EPA 608.3		4,4'-DDE	NELAP	PA	04/19/2018
EPA 608.3		4,4'-DDT	NELAP	PA	04/19/2018
EPA 608.3		Aldrin (HHDN)	NELAP	PA	04/19/2018
EPA 608.3		Aroclor-1016 (PCB-1016)	NELAP	PA	04/19/2018
EPA 608.3		Aroclor-1221 (PCB-1221)	NELAP	PA	04/19/2018
EPA 608.3		Aroclor-1232 (PCB-1232)	NELAP	PA	04/19/2018
EPA 608.3		Aroclor-1242 (PCB-1242)	NELAP	PA	04/19/2018
EPA 608.3		Aroclor-1248 (PCB-1248)	NELAP	PA	04/19/2018
EPA 608.3		Aroclor-1254 (PCB-1254)	NELAP	PA	04/19/2018
EPA 608.3		Aroclor-1260 (PCB-1260)	NELAP	PA	04/19/2018

Ann Marie Beach

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Eurofins TestAmerica Laboratories Pittsburgh
301 Alpha Drive
Pittsburgh, PA 15238
(412) 963-7058

DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Non-Potable Water

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 608.3		Chlordane (tech.)	NELAP	PA	12/30/2019
EPA 608.3		Dieldrin	NELAP	PA	04/19/2018
EPA 608.3		Endosulfan I	NELAP	PA	04/19/2018
EPA 608.3		Endosulfan II	NELAP	PA	04/19/2018
EPA 608.3		Endosulfan sulfate	NELAP	PA	04/19/2018
EPA 608.3		Endrin	NELAP	PA	04/19/2018
EPA 608.3		Endrin aldehyde	NELAP	PA	04/19/2018
EPA 608.3		Endrin ketone	NELAP	PA	04/19/2018
EPA 608.3		Heptachlor	NELAP	PA	04/19/2018
EPA 608.3		Heptachlor epoxide	NELAP	PA	04/19/2018
EPA 608.3		Methoxychlor	NELAP	PA	04/19/2018
EPA 608.3		Toxaphene (Chlorinated camphene)	NELAP	PA	04/19/2018
EPA 608.3		alpha-BHC (alpha-Hexachlorocyclohexane)	NELAP	PA	04/19/2018
EPA 608.3		alpha-Chlordane	NELAP	PA	04/19/2018
EPA 608.3		beta-BHC (beta-Hexachlorocyclohexane)	NELAP	PA	04/19/2018
EPA 608.3		delta-BHC (delta-Hexachlorocyclohexane)	NELAP	PA	04/19/2018
EPA 608.3		gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)	NELAP	PA	04/19/2018
EPA 608.3		gamma-Chlordane	NELAP	PA	04/19/2018
EPA 624		1,1,1-Trichloroethane	NELAP	PA	04/07/2005
EPA 624		1,1,2,2-Tetrachloroethane	NELAP	PA	04/07/2005
EPA 624		1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	NELAP	PA	04/08/2009
EPA 624		1,1,2-Trichloroethane	NELAP	PA	04/07/2005
EPA 624		1,1-Dichloroethane	NELAP	PA	04/07/2005
EPA 624		1,1-Dichloroethene (1,1-Dichloroethylene)	NELAP	PA	04/07/2005
EPA 624		1,1-Dichloropropene	NELAP	PA	04/08/2009
EPA 624		1,2,3-Trichlorobenzene	NELAP	PA	04/08/2009
EPA 624		1,2,3-Trichloropropane (1,2,3-TCP)	NELAP	PA	04/08/2009
EPA 624		1,2,4-Trichlorobenzene	NELAP	PA	04/08/2009
EPA 624		1,2,4-Trimethylbenzene	NELAP	PA	11/21/2018
EPA 624		1,2-Dibromo-3-chloropropane (DBCP, Dibromochloropropane)	NELAP	PA	04/08/2009
EPA 624		1,2-Dibromoethane (EDB, Ethylene dibromide)	NELAP	PA	04/08/2009
EPA 624		1,2-Dichlorobenzene (o-Dichlorobenzene)	NELAP	PA	11/21/2018
EPA 624		1,2-Dichloroethane	NELAP	PA	04/07/2005
EPA 624		1,2-Dichloropropane	NELAP	PA	04/07/2005
EPA 624		1,3,5-Trichlorobenzene	NELAP	PA	04/08/2009
EPA 624		1,3,5-Trimethylbenzene	NELAP	PA	11/21/2018
EPA 624		1,3-Dichlorobenzene (m-Dichlorobenzene)	NELAP	PA	11/21/2018
EPA 624		1,3-Dichloropropane	NELAP	PA	04/08/2009
EPA 624		1,4-Dichlorobenzene (p-Dichlorobenzene)	NELAP	PA	11/21/2018
EPA 624		1,4-Dioxane (1,4-Diethyleneoxide)	NELAP	PA	04/08/2009

Annamarie Beach

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Eurofins TestAmerica Laboratories Pittsburgh
301 Alpha Drive
Pittsburgh, PA 15238
(412) 963-7058

DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Non-Potable Water

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 624		2,2-Dichloropropane	NELAP	PA	04/08/2009
EPA 624		2-Butanone (Methyl ethyl ketone, MEK)	NELAP	PA	03/01/2007
EPA 624		2-Chloroethyl vinyl ether	NELAP	PA	04/07/2005
EPA 624		2-Hexanone	NELAP	PA	04/08/2008
EPA 624		4-Chlorotoluene	NELAP	PA	04/08/2009
EPA 624		4-Methyl-2-pentanone (MIBK)	NELAP	PA	04/08/2008
EPA 624		Acetone	NELAP	PA	04/08/2008
EPA 624		Acetonitrile	NELAP	PA	04/08/2009
EPA 624		Acrolein (Propenal)	NELAP	PA	04/07/2005
EPA 624		Acrylonitrile	NELAP	PA	04/07/2005
EPA 624		Benzene	NELAP	PA	04/07/2005
EPA 624		Bromobenzene	NELAP	PA	04/08/2009
EPA 624		Bromochloromethane	NELAP	PA	03/01/2007
EPA 624		Bromodichloromethane	NELAP	PA	04/07/2005
EPA 624		Bromoform	NELAP	PA	04/07/2005
EPA 624		Carbon disulfide	NELAP	PA	04/08/2009
EPA 624		Carbon tetrachloride	NELAP	PA	04/07/2005
EPA 624		Chlorobenzene	NELAP	PA	04/07/2005
EPA 624		Chloroethane	NELAP	PA	04/07/2005
EPA 624		Chloroform	NELAP	PA	04/07/2005
EPA 624		Cyclohexane	NELAP	PA	04/08/2009
EPA 624		Dibromochloromethane	NELAP	PA	04/07/2005
EPA 624		Dibromomethane	NELAP	PA	04/08/2009
EPA 624		Dichlorodifluoromethane (Freon 12)	NELAP	PA	04/08/2009
EPA 624		Ethyl methacrylate	NELAP	PA	04/08/2009
EPA 624		Ethylbenzene	NELAP	PA	04/07/2005
EPA 624		Hexachlorobutadiene (1,3-Hexachlorobutadiene)	NELAP	PA	04/08/2009
EPA 624		Iodomethane (Methyl iodide)	NELAP	PA	04/08/2009
EPA 624		Isobutyl alcohol (2-Methyl-1-propanol)	NELAP	PA	04/08/2009
EPA 624		Isopropylbenzene (Cumene)	NELAP	PA	04/08/2009
EPA 624		Methacrylonitrile	NELAP	PA	04/08/2009
EPA 624		Methyl acetate	NELAP	PA	04/08/2009
EPA 624		Methyl bromide (Bromomethane)	NELAP	PA	11/07/2006
EPA 624		Methyl chloride (Chloromethane)	NELAP	PA	04/07/2005
EPA 624		Methyl tert-butyl ether (MTBE)	NELAP	PA	04/08/2008
EPA 624		Methylcyclohexane	NELAP	PA	04/08/2009
EPA 624		Methylene chloride (Dichloromethane)	NELAP	PA	04/07/2005
EPA 624		Methylmethacrylate	NELAP	PA	04/08/2009
EPA 624		Naphthalene	NELAP	PA	12/22/2020
EPA 624		Propionitrile (Ethyl cyanide)	NELAP	PA	04/08/2009
EPA 624		Styrene	NELAP	PA	04/08/2009
EPA 624		Tetrachloroethene (PCE, Perchloroethylene)	NELAP	PA	04/07/2005

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Eurofins TestAmerica Laboratories Pittsburgh
301 Alpha Drive
Pittsburgh, PA 15238
(412) 963-7058

DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Non-Potable Water

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 624		Toluene	NELAP	PA	04/07/2005
EPA 624		Trichloroethene (TCE, Trichloroethylene)	NELAP	PA	04/07/2005
EPA 624		Trichlorofluoromethane (Freon 11)	NELAP	PA	04/07/2005
EPA 624		Vinyl acetate	NELAP	PA	04/08/2009
EPA 624		Vinyl chloride (Chloroethene)	NELAP	PA	04/07/2005
EPA 624		Xylenes, total	NELAP	PA	04/07/2005
EPA 624		cis-1,2-Dichloroethene	NELAP	PA	04/08/2009
EPA 624		cis-1,3-Dichloropropene	NELAP	PA	04/07/2005
EPA 624		m+p-Xylene	NELAP	PA	08/24/2005
EPA 624		n-Butylbenzene	NELAP	PA	04/08/2009
EPA 624		n-Hexane	NELAP	PA	04/20/2011
EPA 624		n-Propylbenzene	NELAP	PA	04/08/2009
EPA 624		o-Xylene	NELAP	PA	08/24/2005
EPA 624		p-Isopropyltoluene (4-Isopropyltoluene)	NELAP	PA	04/08/2009
EPA 624		sec-Butylbenzene	NELAP	PA	04/08/2009
EPA 624		tert-Butyl alcohol (2-Methyl-2-propanol)	NELAP	PA	04/08/2009
EPA 624		tert-Butylbenzene	NELAP	PA	04/08/2009
EPA 624		trans-1,2-Dichloroethene	NELAP	PA	04/07/2005
EPA 624		trans-1,3-Dichloropropene	NELAP	PA	04/07/2005
EPA 624		trans-1,4-Dichloro-2-butene	NELAP	PA	04/08/2009
EPA 624.1		1,1,1,2-Tetrachloroethane	NELAP	PA	04/19/2018
EPA 624.1		1,1,1-Trichloroethane	NELAP	PA	04/19/2018
EPA 624.1		1,1,2,2-Tetrachloroethane	NELAP	PA	04/19/2018
EPA 624.1		1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	NELAP	PA	04/19/2018
EPA 624.1		1,1,2-Trichloroethane	NELAP	PA	04/19/2018
EPA 624.1		1,1-Dichloroethane	NELAP	PA	04/19/2018
EPA 624.1		1,1-Dichloroethene (1,1-Dichloroethylene)	NELAP	PA	04/19/2018
EPA 624.1		1,1-Dichloropropene	NELAP	PA	04/19/2018
EPA 624.1		1,2,3-Trichlorobenzene	NELAP	PA	04/19/2018
EPA 624.1		1,2,3-Trichloropropane (1,2,3-TCP)	NELAP	PA	04/19/2018
EPA 624.1		1,2,4-Trichlorobenzene	NELAP	PA	04/19/2018
EPA 624.1		1,2,4-Trimethylbenzene	NELAP	PA	11/21/2018
EPA 624.1		1,2-Dibromo-3-chloropropane (DBCP, Dibromochloropropane)	NELAP	PA	04/19/2018
EPA 624.1		1,2-Dibromoethane (EDB, Ethylene dibromide)	NELAP	PA	04/19/2018
EPA 624.1		1,2-Dichlorobenzene (o-Dichlorobenzene)	NELAP	PA	11/21/2018
EPA 624.1		1,2-Dichloroethane	NELAP	PA	04/19/2018
EPA 624.1		1,2-Dichloroethene (total)	NELAP	PA	04/19/2018
EPA 624.1		1,2-Dichloropropane	NELAP	PA	04/19/2018
EPA 624.1		1,3,5-Trimethylbenzene	NELAP	PA	11/21/2018
EPA 624.1		1,3-Dichlorobenzene (m-Dichlorobenzene)	NELAP	PA	11/21/2018
EPA 624.1		1,3-Dichloropropane	NELAP	PA	04/19/2018

Annmarie Beach

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Eurofins TestAmerica Laboratories Pittsburgh
301 Alpha Drive
Pittsburgh, PA 15238
(412) 963-7058

DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Non-Potable Water

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 624.1		1,4-Dichlorobenzene (p-Dichlorobenzene)	NELAP	PA	11/21/2018
EPA 624.1		1,4-Dioxane (1,4-Diethyleneoxide)	NELAP	PA	04/19/2018
EPA 624.1		2,2-Dichloropropane	NELAP	PA	04/19/2018
EPA 624.1		2-Butanone (Methyl ethyl ketone, MEK)	NELAP	PA	04/19/2018
EPA 624.1		2-Chloroethyl vinyl ether	NELAP	PA	04/19/2018
EPA 624.1		2-Chlorotoluene	NELAP	PA	04/19/2018
EPA 624.1		2-Hexanone	NELAP	PA	04/19/2018
EPA 624.1		4-Chlorotoluene	NELAP	PA	04/19/2018
EPA 624.1		4-Methyl-2-pentanone (MIBK)	NELAP	PA	04/19/2018
EPA 624.1		Acetone	NELAP	PA	04/19/2018
EPA 624.1		Acrolein (Propenal)	NELAP	PA	04/19/2018
EPA 624.1		Acrylonitrile	NELAP	PA	04/19/2018
EPA 624.1		Allyl chloride (3-Chloropropene)	NELAP	PA	04/19/2018
EPA 624.1		Benzene	NELAP	PA	04/19/2018
EPA 624.1		Bromobenzene	NELAP	PA	04/19/2018
EPA 624.1		Bromochloromethane	NELAP	PA	04/19/2018
EPA 624.1		Bromodichloromethane	NELAP	PA	04/19/2018
EPA 624.1		Bromoform	NELAP	PA	04/19/2018
EPA 624.1		Carbon disulfide	NELAP	PA	04/19/2018
EPA 624.1		Carbon tetrachloride	NELAP	PA	04/19/2018
EPA 624.1		Chlorobenzene	NELAP	PA	04/19/2018
EPA 624.1		Chloroethane	NELAP	PA	04/19/2018
EPA 624.1		Chloroform	NELAP	PA	04/19/2018
EPA 624.1		Cyclohexane	NELAP	PA	04/19/2018
EPA 624.1		Dibromochloromethane	NELAP	PA	04/19/2018
EPA 624.1		Dibromomethane	NELAP	PA	04/19/2018
EPA 624.1		Dichlorodifluoromethane (Freon 12)	NELAP	PA	04/19/2018
EPA 624.1		Dichlorofluoromethane (Freon 21)	NELAP	PA	04/19/2018
EPA 624.1		Diethyl ether (Ethyl ether)	NELAP	PA	04/19/2018
EPA 624.1		Ethyl methacrylate	NELAP	PA	04/19/2018
EPA 624.1		Ethylbenzene	NELAP	PA	04/19/2018
EPA 624.1		Hexachlorobutadiene (1,3-Hexachlorobutadiene)	NELAP	PA	04/19/2018
EPA 624.1		Iodomethane (Methyl iodide)	NELAP	PA	04/19/2018
EPA 624.1		Isobutyl alcohol (2-Methyl-1-propanol)	NELAP	PA	04/19/2018
EPA 624.1		Isopropylbenzene (Cumene)	NELAP	PA	04/19/2018
EPA 624.1		Methyl acetate	NELAP	PA	04/19/2018
EPA 624.1		Methyl bromide (Bromomethane)	NELAP	PA	04/19/2018
EPA 624.1		Methyl chloride (Chloromethane)	NELAP	PA	04/19/2018
EPA 624.1		Methyl tert-butyl ether (MTBE)	NELAP	PA	04/19/2018
EPA 624.1		Methylcyclohexane	NELAP	PA	04/19/2018
EPA 624.1		Methylene chloride (Dichloromethane)	NELAP	PA	04/19/2018
EPA 624.1		Naphthalene	NELAP	PA	12/22/2020

Ammerie Besch

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Eurofins TestAmerica Laboratories Pittsburgh
301 Alpha Drive
Pittsburgh, PA 15238
(412) 963-7058

DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Non-Potable Water

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 624.1		Styrene	NELAP	PA	04/19/2018
EPA 624.1		Tetrachloroethene (PCE, Perchloroethylene)	NELAP	PA	04/19/2018
EPA 624.1		Tetrahydrofuran (THF)	NELAP	PA	04/19/2018
EPA 624.1		Toluene	NELAP	PA	04/19/2018
EPA 624.1		Trichloroethene (TCE, Trichloroethylene)	NELAP	PA	04/19/2018
EPA 624.1		Trichlorofluoromethane (Freon 11)	NELAP	PA	04/19/2018
EPA 624.1		Vinyl acetate	NELAP	PA	04/19/2018
EPA 624.1		Vinyl chloride (Chloroethene)	NELAP	PA	04/19/2018
EPA 624.1		Xylenes, total	NELAP	PA	04/19/2018
EPA 624.1		cis-1,2-Dichloroethene	NELAP	PA	04/19/2018
EPA 624.1		cis-1,3-Dichloropropene	NELAP	PA	04/19/2018
EPA 624.1		m+p-Xylene	NELAP	PA	04/19/2018
EPA 624.1		n-Butylbenzene	NELAP	PA	04/19/2018
EPA 624.1		n-Hexane	NELAP	PA	04/19/2018
EPA 624.1		n-Propylbenzene	NELAP	PA	04/19/2018
EPA 624.1		o-Xylene	NELAP	PA	04/19/2018
EPA 624.1		p-Isopropyltoluene (4-Isopropyltoluene)	NELAP	PA	04/19/2018
EPA 624.1		sec-Butylbenzene	NELAP	PA	04/19/2018
EPA 624.1		tert-Butyl alcohol (2-Methyl-2-propanol)	NELAP	PA	04/19/2018
EPA 624.1		tert-Butylbenzene	NELAP	PA	04/19/2018
EPA 624.1		trans-1,2-Dichloroethene	NELAP	PA	04/19/2018
EPA 624.1		trans-1,3-Dichloropropene	NELAP	PA	04/19/2018
EPA 624.1		trans-1,4-Dichloro-2-butene	NELAP	PA	04/19/2018
EPA 625		1,1'-Biphenyl (Biphenyl, Lemonene)	NELAP	PA	04/08/2009
EPA 625		1,2,3,4-Tetrahydronaphthalene	NELAP	PA	04/08/2009
EPA 625		1,2,4,5-Tetrachlorobenzene	NELAP	PA	04/08/2009
EPA 625		1,2,4-Trichlorobenzene	NELAP	PA	04/07/2005
EPA 625		1,2-Dichlorobenzene (o-Dichlorobenzene)	NELAP	PA	04/07/2005
EPA 625		1,2-Diphenylhydrazine	NELAP	PA	04/08/2009
EPA 625		1,3-Dichlorobenzene (m-Dichlorobenzene)	NELAP	PA	04/07/2005
EPA 625		1,3-Dinitrobenzene (1,3-DNB)	NELAP	PA	04/08/2009
EPA 625		1,4-Dichlorobenzene (p-Dichlorobenzene)	NELAP	PA	04/07/2005
EPA 625		1,4-Dioxane (1,4-Diethyleneoxide)	NELAP	PA	04/08/2009
EPA 625		1-Methylnaphthalene	NELAP	PA	04/08/2009
EPA 625		2,2'-Oxybis(1-chloropropane) (bis(2-Chloro-1-methylethyl) ether)	NELAP	PA	04/08/2009
EPA 625		2,2'-oxybis(1-Chloropropane)	NELAP	PA	04/07/2005
EPA 625		2,3,4,6-Tetrachlorophenol	NELAP	PA	04/08/2009
EPA 625		2,3,5,6-Tetrachlorophenol	NELAP	PA	04/08/2009
EPA 625		2,3-Dichloroaniline	NELAP	PA	04/08/2009
EPA 625		2,4,5-Trichlorophenol	NELAP	PA	08/24/2005
EPA 625		2,4,6-Trichlorophenol	NELAP	PA	04/07/2005

Annmarie Beach

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Attached to Certificate of Accreditation 018-001 expiration date 04/30/2022. This listing of accredited analytes should be used only when associated with a valid certificate of accreditation.

Eurofins TestAmerica Laboratories Pittsburgh
301 Alpha Drive
Pittsburgh, PA 15238
(412) 963-7058

DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Non-Potable Water

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 625		2,4-Dichlorophenol	NELAP	PA	04/07/2005
EPA 625		2,4-Dimethylphenol	NELAP	PA	04/07/2005
EPA 625		2,4-Dinitrophenol	NELAP	PA	04/07/2005
EPA 625		2,4-Dinitrotoluene (2,4-DNT)	NELAP	PA	04/07/2005
EPA 625		2,6-Dinitrotoluene (2,6-DNT)	NELAP	PA	04/08/2009
EPA 625		2-Bromonaphthalene	NELAP	PA	04/08/2009
EPA 625		2-Chloronaphthalene	NELAP	PA	04/07/2005
EPA 625		2-Chlorophenol	NELAP	PA	04/07/2005
EPA 625		2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)	NELAP	PA	04/07/2005
EPA 625		2-Methylnaphthalene	NELAP	PA	08/24/2005
EPA 625		2-Methylphenol (o-Cresol)	NELAP	PA	04/18/2006
EPA 625		2-Nitroaniline	NELAP	PA	04/18/2006
EPA 625		2-Nitrophenol	NELAP	PA	04/07/2005
EPA 625		3+4-Methylphenol (m+p-Cresol)	NELAP	PA	03/01/2007
EPA 625		3,3'-Dichlorobenzidine	NELAP	PA	04/07/2005
EPA 625		3-Chloroaniline	NELAP	PA	04/08/2009
EPA 625		3-Nitroaniline	NELAP	PA	04/18/2006
EPA 625		4,4'-Methylenebis(2-chloroaniline)	NELAP	PA	04/08/2009
EPA 625		4-Bromophenyl phenyl ether	NELAP	PA	04/07/2005
EPA 625		4-Chloro-3-methylphenol	NELAP	PA	04/07/2005
EPA 625		4-Chloroaniline	NELAP	PA	04/08/2009
EPA 625		4-Chlorophenyl phenyl ether	NELAP	PA	04/07/2005
EPA 625		4-Nitroaniline	NELAP	PA	04/18/2006
EPA 625		4-Nitrophenol	NELAP	PA	04/07/2005
EPA 625		6-Methylchrysene	NELAP	PA	04/08/2009
EPA 625		Acenaphthene	NELAP	PA	04/07/2005
EPA 625		Acenaphthylene	NELAP	PA	10/27/2010
EPA 625		Acetophenone	NELAP	PA	08/24/2005
EPA 625		Acrylamide	NELAP	PA	11/21/2018
EPA 625		Aniline	NELAP	PA	08/24/2005
EPA 625		Anthracene	NELAP	PA	04/07/2005
EPA 625		Aramite	NELAP	PA	04/08/2009
EPA 625		Atrazine	NELAP	PA	04/08/2009
EPA 625		Benzaldehyde	NELAP	PA	04/08/2009
EPA 625		Benzidine	NELAP	PA	04/07/2005
EPA 625		Benzo[a]anthracene	NELAP	PA	04/07/2005
EPA 625		Benzo[a]pyrene	NELAP	PA	04/07/2005
EPA 625		Benzo[b]fluoranthene	NELAP	PA	11/15/2011
EPA 625		Benzo[ghi]perylene	NELAP	PA	04/07/2005
EPA 625		Benzo[k]fluoranthene	NELAP	PA	11/15/2011
EPA 625		Benzoic acid	NELAP	PA	04/08/2009

Annmarie Beach

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Eurofins TestAmerica Laboratories Pittsburgh
301 Alpha Drive
Pittsburgh, PA 15238
(412) 963-7058

DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Non-Potable Water

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 625		Benzotrichloride	NELAP	PA	04/08/2009
EPA 625		Benzyl alcohol	NELAP	PA	04/08/2009
EPA 625		Butyl benzyl phthalate (Benzyl butyl phthalate)	NELAP	PA	04/07/2005
EPA 625		Caprolactam	NELAP	PA	04/08/2009
EPA 625		Carbaryl (Sevin)	NELAP	PA	04/08/2009
EPA 625		Carbazole	NELAP	PA	04/08/2009
EPA 625		Chrysene (Benzo[a]phenanthrene)	NELAP	PA	04/07/2005
EPA 625		Cresols (total)	NELAP	PA	04/18/2006
EPA 625		Di-n-butyl phthalate	NELAP	PA	04/07/2005
EPA 625		Di-n-octyl phthalate	NELAP	PA	11/15/2011
EPA 625		Diallate (cis or trans)	NELAP	PA	04/08/2009
EPA 625		Dibenz[a,h]acridine	NELAP	PA	04/08/2009
EPA 625		Dibenzo[a,h]anthracene	NELAP	PA	04/07/2005
EPA 625		Dibenzofuran	NELAP	PA	04/08/2009
EPA 625		Diethyl phthalate	NELAP	PA	04/07/2005
EPA 625		Dimethoate	NELAP	PA	04/08/2009
EPA 625		Dimethyl phthalate	NELAP	PA	04/07/2005
EPA 625		Fluoranthene	NELAP	PA	04/07/2005
EPA 625		Fluorene	NELAP	PA	04/07/2005
EPA 625		Hexachlorobenzene	NELAP	PA	04/07/2005
EPA 625		Hexachlorobutadiene (1,3-Hexachlorobutadiene)	NELAP	PA	04/07/2005
EPA 625		Hexachlorocyclopentadiene	NELAP	PA	04/07/2005
EPA 625		Hexachloroethane	NELAP	PA	04/07/2005
EPA 625		Indeno(1,2,3-cd)pyrene	NELAP	PA	04/07/2005
EPA 625		Isodrin	NELAP	PA	04/08/2009
EPA 625		Isophorone	NELAP	PA	04/07/2005
EPA 625		Kepon	NELAP	PA	04/08/2009
EPA 625		Methyl parathion (Parathion, methyl)	NELAP	PA	04/08/2009
EPA 625		N-Nitrosodi-n-propylamine	NELAP	PA	04/07/2005
EPA 625		N-Nitrosodiethylamine	NELAP	PA	04/08/2009
EPA 625		N-Nitrosodimethylamine	NELAP	PA	04/07/2005
EPA 625		N-Nitrosodiphenylamine	NELAP	PA	04/07/2005
EPA 625		Naphthalene	NELAP	PA	04/07/2005
EPA 625		Nitrobenzene	NELAP	PA	04/07/2005
EPA 625		Parathion, ethyl (Ethyl parathion, Parathion)	NELAP	PA	04/08/2009
EPA 625		Pentachlorobenzene	NELAP	PA	04/08/2009
EPA 625		Pentachlorophenol (PCP)	NELAP	PA	04/07/2005
EPA 625		Phenanthrene	NELAP	PA	04/07/2005
EPA 625		Phenol	NELAP	PA	04/07/2005
EPA 625		Pyrene	NELAP	PA	04/07/2005
EPA 625		Pyridine	NELAP	PA	04/08/2009
EPA 625		bis(2-Chloroethoxy)methane	NELAP	PA	04/07/2005

Charmaine Beach

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Eurofins TestAmerica Laboratories Pittsburgh
301 Alpha Drive
Pittsburgh, PA 15238
(412) 963-7058

DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Non-Potable Water

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 625		bis(2-Chloroethyl) ether	NELAP	PA	04/07/2005
EPA 625		bis(2-Ethylhexyl) phthalate (DEHP)	NELAP	PA	04/07/2005
EPA 625		n-Octadecane	NELAP	PA	04/08/2009
EPA 625		o-Toluidine (2-Toluidine, 2-Methylaniline)	NELAP	PA	04/08/2009
EPA 625.1		1,1'-Biphenyl (Biphenyl, Lemonene)	NELAP	PA	04/19/2018
EPA 625.1		1,2,4,5-Tetrachlorobenzene	NELAP	PA	04/19/2018
EPA 625.1		1,2,4-Trichlorobenzene	NELAP	PA	04/19/2018
EPA 625.1		1,2-Dichlorobenzene (o-Dichlorobenzene)	NELAP	PA	04/19/2018
EPA 625.1		1,2-Diphenylhydrazine	NELAP	PA	04/19/2018
EPA 625.1		1,3-Dichlorobenzene (m-Dichlorobenzene)	NELAP	PA	04/19/2018
EPA 625.1		1,3-Dinitrobenzene (1,3-DNB)	NELAP	PA	04/19/2018
EPA 625.1		1,4-Dichlorobenzene (p-Dichlorobenzene)	NELAP	PA	04/19/2018
EPA 625.1		1,4-Dioxane (1,4-Diethyleneoxide)	NELAP	PA	04/19/2018
EPA 625.1		1-Methylnaphthalene	NELAP	PA	04/19/2018
EPA 625.1		2,2'-oxybis(1-Chloropropane)	NELAP	PA	04/19/2018
EPA 625.1		2,3,4,6-Tetrachlorophenol	NELAP	PA	04/19/2018
EPA 625.1		2,4,5-Trichlorophenol	NELAP	PA	04/19/2018
EPA 625.1		2,4,6-Trichlorophenol	NELAP	PA	04/19/2018
EPA 625.1		2,4-Dichlorophenol	NELAP	PA	04/19/2018
EPA 625.1		2,4-Dimethylphenol	NELAP	PA	04/19/2018
EPA 625.1		2,4-Dinitrophenol	NELAP	PA	04/19/2018
EPA 625.1		2,4-Dinitrotoluene (2,4-DNT)	NELAP	PA	04/19/2018
EPA 625.1		2,6-Dichlorophenol	NELAP	PA	04/19/2018
EPA 625.1		2,6-Dinitrotoluene (2,6-DNT)	NELAP	PA	04/19/2018
EPA 625.1		2-Chloronaphthalene	NELAP	PA	04/19/2018
EPA 625.1		2-Chlorophenol	NELAP	PA	04/19/2018
EPA 625.1		2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)	NELAP	PA	04/19/2018
EPA 625.1		2-Methylnaphthalene	NELAP	PA	04/19/2018
EPA 625.1		2-Methylphenol (o-Cresol)	NELAP	PA	04/19/2018
EPA 625.1		2-Nitroaniline	NELAP	PA	04/19/2018
EPA 625.1		2-Nitrophenol	NELAP	PA	04/19/2018
EPA 625.1		3+4-Methylphenol (m+p-Cresol)	NELAP	PA	04/19/2018
EPA 625.1		3,3'-Dichlorobenzidine	NELAP	PA	04/19/2018
EPA 625.1		3-Nitroaniline	NELAP	PA	04/19/2018
EPA 625.1		4-Bromophenyl phenyl ether	NELAP	PA	04/19/2018
EPA 625.1		4-Chloro-3-methylphenol	NELAP	PA	04/19/2018
EPA 625.1		4-Chloroaniline	NELAP	PA	04/19/2018
EPA 625.1		4-Chlorophenyl phenyl ether	NELAP	PA	04/19/2018
EPA 625.1		4-Nitroaniline	NELAP	PA	04/19/2018
EPA 625.1		4-Nitrophenol	NELAP	PA	04/19/2018
EPA 625.1		Acenaphthene	NELAP	PA	04/19/2018

Annmarie Beach

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Eurofins TestAmerica Laboratories Pittsburgh
301 Alpha Drive
Pittsburgh, PA 15238
(412) 963-7058

DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Non-Potable Water

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 625.1		Acenaphthylene	NELAP	PA	04/19/2018
EPA 625.1		Acetophenone	NELAP	PA	04/19/2018
EPA 625.1		Acrylamide	NELAP	PA	11/21/2018
EPA 625.1		Aniline	NELAP	PA	04/19/2018
EPA 625.1		Anthracene	NELAP	PA	04/19/2018
EPA 625.1		Atrazine	NELAP	PA	04/19/2018
EPA 625.1		Benzaldehyde	NELAP	PA	04/19/2018
EPA 625.1		Benzidine	NELAP	PA	04/19/2018
EPA 625.1		Benzo[a]anthracene	NELAP	PA	04/19/2018
EPA 625.1		Benzo[a]pyrene	NELAP	PA	04/19/2018
EPA 625.1		Benzo[b]fluoranthene	NELAP	PA	04/19/2018
EPA 625.1		Benzo[ghi]perylene	NELAP	PA	04/19/2018
EPA 625.1		Benzo[k]fluoranthene	NELAP	PA	04/19/2018
EPA 625.1		Benzoic acid	NELAP	PA	04/19/2018
EPA 625.1		Benzyl alcohol	NELAP	PA	04/19/2018
EPA 625.1		Butyl benzyl phthalate (Benzyl butyl phthalate)	NELAP	PA	04/19/2018
EPA 625.1		Caprolactam	NELAP	PA	04/19/2018
EPA 625.1		Carbazole	NELAP	PA	04/19/2018
EPA 625.1		Chrysene (Benzo[a]phenanthrene)	NELAP	PA	04/19/2018
EPA 625.1		Cresols (total)	NELAP	PA	04/19/2018
EPA 625.1		Di-n-butyl phthalate	NELAP	PA	04/19/2018
EPA 625.1		Di-n-octyl phthalate	NELAP	PA	04/19/2018
EPA 625.1		Dibenzo[a,h]anthracene	NELAP	PA	04/19/2018
EPA 625.1		Dibenzofuran	NELAP	PA	04/19/2018
EPA 625.1		Diethyl phthalate	NELAP	PA	04/19/2018
EPA 625.1		Dimethyl phthalate	NELAP	PA	04/19/2018
EPA 625.1		Fluoranthene	NELAP	PA	04/19/2018
EPA 625.1		Fluorene	NELAP	PA	04/19/2018
EPA 625.1		Hexachlorobenzene	NELAP	PA	04/19/2018
EPA 625.1		Hexachlorobutadiene (1,3-Hexachlorobutadiene)	NELAP	PA	04/19/2018
EPA 625.1		Hexachlorocyclopentadiene	NELAP	PA	04/19/2018
EPA 625.1		Hexachloroethane	NELAP	PA	04/19/2018
EPA 625.1		Indeno(1,2,3-cd)pyrene	NELAP	PA	04/19/2018
EPA 625.1		Isophorone	NELAP	PA	04/19/2018
EPA 625.1		N-Nitrosodi-n-propylamine	NELAP	PA	04/19/2018
EPA 625.1		N-Nitrosodimethylamine	NELAP	PA	04/19/2018
EPA 625.1		N-Nitrosodiphenylamine	NELAP	PA	04/19/2018
EPA 625.1		Naphthalene	NELAP	PA	04/19/2018
EPA 625.1		Nitrobenzene	NELAP	PA	04/19/2018
EPA 625.1		Pentachlorophenol (PCP)	NELAP	PA	04/19/2018
EPA 625.1		Phenanthrene	NELAP	PA	04/19/2018
EPA 625.1		Phenol	NELAP	PA	04/19/2018

Ammerie Beach

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Eurofins TestAmerica Laboratories Pittsburgh
301 Alpha Drive
Pittsburgh, PA 15238
(412) 963-7058

DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Non-Potable Water

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 625.1		Pyrene	NELAP	PA	04/19/2018
EPA 625.1		Pyridine	NELAP	PA	04/19/2018
EPA 625.1		bis(2-Chloroethoxy)methane	NELAP	PA	04/19/2018
EPA 625.1		bis(2-Chloroethyl) ether	NELAP	PA	04/19/2018
EPA 625.1		bis(2-Ethylhexyl) phthalate (DEHP)	NELAP	PA	04/19/2018
EPA 625.1		n-Decane	NELAP	PA	04/19/2018
EPA 625.1		n-Hexadecane	NELAP	PA	04/19/2018
EPA 625.1		n-Octadecane	NELAP	PA	04/19/2018
EPA 7196	A	Chromium VI	NELAP	PA	08/26/2006
EPA 7470	A	Mercury	NELAP	PA	08/26/2006
EPA 8011		1,2-Dibromo-3-chloropropane (DBCP, Dibromochloropropane)	NELAP	PA	04/18/2006
EPA 8011		1,2-Dibromoethane (EDB, Ethylene dibromide)	NELAP	PA	04/18/2006
EPA 8081	A	Organochlorine pesticides by GC/ECD	NELAP	PA	04/08/2009
EPA 8081	B	Organochlorine pesticides by GC/ECD	NELAP	PA	01/01/2013
EPA 8081	A, B	2,4'-DDD	NELAP	PA	04/18/2006
EPA 8081	A, B	2,4'-DDE	NELAP	PA	04/18/2006
EPA 8081	A, B	2,4'-DDT	NELAP	PA	04/18/2006
EPA 8081	A, B	4,4'-DDD	NELAP	PA	08/26/2006
EPA 8081	A, B	4,4'-DDE	NELAP	PA	08/26/2006
EPA 8081	A, B	4,4'-DDT	NELAP	PA	08/26/2006
EPA 8081	A, B	Aldrin (HHDN)	NELAP	PA	08/26/2006
EPA 8081	A, B	Chlorbenseide	NELAP	PA	04/18/2006
EPA 8081	A, B	Chlordane (tech.)	NELAP	PA	08/26/2006
EPA 8081	A, B	Dacthal (DCPA)	NELAP	PA	08/26/2006
EPA 8081	A, B	Diallate (cis or trans)	NELAP	PA	08/26/2006
EPA 8081	A, B	Dieldrin	NELAP	PA	08/26/2006
EPA 8081	A, B	Endosulfan I	NELAP	PA	08/26/2006
EPA 8081	A, B	Endosulfan II	NELAP	PA	08/26/2006
EPA 8081	A, B	Endosulfan sulfate	NELAP	PA	08/26/2006
EPA 8081	A, B	Endrin	NELAP	PA	08/26/2006
EPA 8081	A, B	Endrin aldehyde	NELAP	PA	11/07/2006
EPA 8081	A, B	Endrin ketone	NELAP	PA	01/06/2006
EPA 8081	A, B	Heptachlor	NELAP	PA	08/26/2006
EPA 8081	A, B	Heptachlor epoxide	NELAP	PA	08/26/2006
EPA 8081	A, B	Hexachlorobenzene	NELAP	PA	05/20/2011
EPA 8081	A, B	Isodrin	NELAP	PA	08/26/2006
EPA 8081	A, B	Methoxychlor	NELAP	PA	01/06/2006
EPA 8081	A, B	Mirex	NELAP	PA	08/26/2006
EPA 8081	A, B	Oxychlordane	NELAP	PA	04/08/2009
EPA 8081	A, B	Toxaphene (Chlorinated camphene)	NELAP	PA	08/26/2006
EPA 8081	A, B	alpha-BHC (alpha-Hexachlorocyclohexane)	NELAP	PA	08/26/2006

Annmarie Beach

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301 Alpha Drive
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(412) 963-7058

DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Non-Potable Water

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 8081	A, B	alpha-Chlordane	NELAP	PA	01/06/2006
EPA 8081	A, B	beta-BHC (beta-Hexachlorocyclohexane)	NELAP	PA	11/04/2016
EPA 8081	A, B	cis-Nonachlor	NELAP	PA	04/18/2006
EPA 8081	A, B	delta-BHC (delta-Hexachlorocyclohexane)	NELAP	PA	08/26/2006
EPA 8081	A, B	gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)	NELAP	PA	08/26/2006
EPA 8081	A, B	gamma-Chlordane	NELAP	PA	01/06/2006
EPA 8081	A, B	trans-Nonachlor	NELAP	PA	04/18/2006
EPA 8082	A	PCBs by GC/ECD	NELAP	PA	04/08/2009
EPA 8082		PCBs by GC/ECD	NELAP	PA	07/26/2019
EPA 8082	A	2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl (BZ 206)	NELAP	PA	08/26/2006
EPA 8082	A	2,2',3,3',4,4',5,6-Octachlorobiphenyl (BZ 195)	NELAP	PA	04/13/2009
EPA 8082	A	2,2',3,3',4,4',5-Heptachlorobiphenyl (BZ 170)	NELAP	PA	08/26/2006
EPA 8082	A	2,2',3,3',4,4',5'-Hexachlorobiphenyl (BZ 128)	NELAP	PA	08/26/2006
EPA 8082	A	2,2',3,4',5,5',6-Heptachlorobiphenyl (BZ 187)	NELAP	PA	08/26/2006
EPA 8082	A	2,2',3,4,4',5',6-Heptachlorobiphenyl (BZ 183)	NELAP	PA	08/26/2006
EPA 8082	A	2,2',3,4,4',5'-Hexachlorobiphenyl (BZ 138)	NELAP	PA	08/26/2006
EPA 8082	A	2,2',3,4,4',5,5'-Heptachlorobiphenyl (BZ 180)	NELAP	PA	08/26/2006
EPA 8082	A	2,2',3,4,4',6,6'-Heptachlorobiphenyl (BZ 184)	NELAP	PA	04/13/2009
EPA 8082	A	2,2',3,4,5'-Pentachlorobiphenyl (BZ 87)	NELAP	PA	08/26/2006
EPA 8082	A	2,2',3,5'-Tetrachlorobiphenyl (BZ 44)	NELAP	PA	08/26/2006
EPA 8082	A	2,2',4,4',5,5'-Hexachlorobiphenyl (BZ 153)	NELAP	PA	08/26/2006
EPA 8082	A	2,2',4,5'-Tetrachlorobiphenyl (BZ 49)	NELAP	PA	08/26/2006
EPA 8082	A	2,2',4,5,5'-Pentachlorobiphenyl (BZ 101)	NELAP	PA	08/26/2006
EPA 8082	A	2,2',5,5'-Tetrachlorobiphenyl (BZ 52)	NELAP	PA	08/26/2006
EPA 8082	A	2,2',5-Trichlorobiphenyl (BZ 18)	NELAP	PA	08/26/2006
EPA 8082	A	2,3',4,4',5'-Pentachlorobiphenyl (BZ 123)	NELAP	PA	04/25/2014
EPA 8082	A	2,3',4,4',5,5'-Hexachlorobiphenyl (BZ 167)	NELAP	PA	04/25/2014
EPA 8082	A	2,3',4,4',5-Pentachlorobiphenyl (BZ 118)	NELAP	PA	08/26/2006
EPA 8082	A	2,3',4,4'-Tetrachlorobiphenyl (BZ 66)	NELAP	PA	08/26/2006
EPA 8082	A	2,3,3',4,4',5'-Hexachlorobiphenyl (BZ 157)	NELAP	PA	04/25/2014
EPA 8082	A	2,3,3',4,4',5,5'-Heptachlorobiphenyl (BZ 189)	NELAP	PA	04/25/2014
EPA 8082	A	2,3,3',4,4',5-Hexachlorobiphenyl (BZ 156)	NELAP	PA	04/13/2009
EPA 8082	A	2,3,3',4,4'-Pentachlorobiphenyl (BZ 105)	NELAP	PA	04/13/2009
EPA 8082	A	2,3,4,4',5-Pentachlorobiphenyl (BZ 114)	NELAP	PA	04/25/2014
EPA 8082	A	2,4'-Dichlorobiphenyl (BZ 8)	NELAP	PA	04/13/2009
EPA 8082	A	2,4,4'-Trichlorobiphenyl (BZ 28)	NELAP	PA	04/13/2009
EPA 8082	A	3,3',4,4',5,5'-Hexachlorobiphenyl (BZ 169)	NELAP	PA	04/13/2009
EPA 8082	A	3,3',4,4',5-Pentachlorobiphenyl (BZ 126)	NELAP	PA	09/06/2012
EPA 8082	A	3,3',4,4'-Tetrachlorobiphenyl (BZ 77)	NELAP	PA	04/13/2009
EPA 8082	A	3,4,4',5-Tetrachlorobiphenyl (BZ 81)	NELAP	PA	04/25/2014
EPA 8082	A	Aroclor-1016 (PCB-1016)	NELAP	PA	08/26/2006

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Eurofins TestAmerica Laboratories Pittsburgh
301 Alpha Drive
Pittsburgh, PA 15238
(412) 963-7058

DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Non-Potable Water

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 8082	A	Aroclor-1221 (PCB-1221)	NELAP	PA	08/26/2006
EPA 8082	A	Aroclor-1232 (PCB-1232)	NELAP	PA	08/26/2006
EPA 8082	A	Aroclor-1242 (PCB-1242)	NELAP	PA	08/26/2006
EPA 8082	A	Aroclor-1248 (PCB-1248)	NELAP	PA	08/26/2006
EPA 8082	A	Aroclor-1254 (PCB-1254)	NELAP	PA	08/26/2006
EPA 8082	A	Aroclor-1260 (PCB-1260)	NELAP	PA	08/26/2006
EPA 8082	A	Aroclor-1262 (PCB-1262)	NELAP	PA	04/08/2008
EPA 8082	A	Aroclor-1268 (PCB-1268)	NELAP	PA	04/08/2008
EPA 8082	A	Decachlorobiphenyl	NELAP	PA	08/26/2006
EPA 8141	A, B	Organophosphorus compounds by GC/NPD	NELAP	PA	04/08/2009
EPA 8141	A, B	Azinphos-methyl (Guthion)	NELAP	PA	08/26/2006
EPA 8141	A, B	Bolstar (Sulprofos)	NELAP	PA	08/26/2006
EPA 8141	A, B	Chlorpyrifos	NELAP	PA	08/26/2006
EPA 8141	A, B	Coumaphos	NELAP	PA	08/26/2006
EPA 8141	A, B	Demeton	NELAP	PA	04/08/2009
EPA 8141	A, B	Demeton-O	NELAP	PA	08/26/2006
EPA 8141	A, B	Demeton-S	NELAP	PA	08/26/2006
EPA 8141	A, B	Diazinon (Spectracide)	NELAP	PA	08/26/2006
EPA 8141	A, B	Dichlorvos (DDVP, Dichlorvos)	NELAP	PA	08/26/2006
EPA 8141	A, B	Dimethoate	NELAP	PA	08/26/2006
EPA 8141	A, B	Disulfoton	NELAP	PA	08/26/2006
EPA 8141	A, B	EPN (Santox)	NELAP	PA	08/26/2006
EPA 8141	A, B	Ethoprop (Prophos)	NELAP	PA	08/26/2006
EPA 8141	A, B	Famphur	NELAP	PA	08/26/2006
EPA 8141	A, B	Fensulfothion	NELAP	PA	08/26/2006
EPA 8141	A, B	Fenthion	NELAP	PA	08/26/2006
EPA 8141	A, B	Malathion	NELAP	PA	08/26/2006
EPA 8141	A, B	Methyl parathion (Parathion, methyl)	NELAP	PA	08/26/2006
EPA 8141	A, B	Mevinphos	NELAP	PA	08/26/2006
EPA 8141	A, B	O,O,O-Triethyl phosphorothioate	NELAP	PA	03/01/2007
EPA 8141	A, B	Parathion, ethyl (Ethyl parathion, Parathion)	NELAP	PA	08/26/2006
EPA 8141	A, B	Phorate (Thimet)	NELAP	PA	08/26/2006
EPA 8141	A, B	Ronnel	NELAP	PA	08/26/2006
EPA 8141	A, B	Stirophos (Tetrachlorovinphos)	NELAP	PA	08/26/2006
EPA 8141	A, B	Sulfotepp (Tetraethyl dithiopyrophosphate)	NELAP	PA	08/26/2006
EPA 8141	A, B	Thionazine (Thionazin, Zinophos)	NELAP	PA	08/26/2006
EPA 8141	A, B	Tokuthion (Prothiophos)	NELAP	PA	08/26/2006
EPA 8141	A, B	Trichloronate	NELAP	PA	08/26/2006
EPA 8151	A	Chlorinated herbicides by GC/ECD	NELAP	PA	04/08/2009
EPA 8151	A	2,4,5-T	NELAP	PA	08/26/2006
EPA 8151	A	2,4,5-TP (Silvex)	NELAP	PA	08/26/2006
EPA 8151	A	2,4-D	NELAP	PA	08/26/2006

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Eurofins TestAmerica Laboratories Pittsburgh
301 Alpha Drive
Pittsburgh, PA 15238
(412) 963-7058

DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Non-Potable Water

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 8151	A	2,4-DB (Butoxon)	NELAP	PA	08/26/2006
EPA 8151	A	Dalapon (2,2-Dichloropropionic acid)	NELAP	PA	08/26/2006
EPA 8151	A	Dicamba	NELAP	PA	08/26/2006
EPA 8151	A	Dichloroprop (Dichloroprop)	NELAP	PA	08/26/2006
EPA 8151	A	Dinoseb (2-sec-Butyl-4,6-dinitrophenol, DNBP)	NELAP	PA	08/26/2006
EPA 8151	A	MCPA	NELAP	PA	08/26/2006
EPA 8151	A	MCPPP (Mecoprop)	NELAP	PA	08/26/2006
EPA 8151	A	Pentachlorophenol (PCP)	NELAP	PA	08/26/2006
EPA 8260	B	VOCs by GC/MS	NELAP	PA	04/08/2009
EPA 8260	C	VOCs by GC/MS	NELAP	PA	12/05/2013
EPA 8260	D	VOCs by GC/MS	NELAP	PA	06/05/2019
EPA 8260	B, C, D	1,1,1,2-Tetrachloroethane	NELAP	PA	04/18/2006
EPA 8260	B, C, D	1,1,1-Trichloroethane	NELAP	PA	08/26/2006
EPA 8260	B, C, D	1,1,2,2-Tetrachloroethane	NELAP	PA	08/26/2006
EPA 8260	B, C, D	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	NELAP	PA	04/18/2006
EPA 8260	B, C, D	1,1,2-Trichloroethane	NELAP	PA	08/26/2006
EPA 8260	B, C, D	1,1-Dichloroethane	NELAP	PA	08/26/2006
EPA 8260	B, C, D	1,1-Dichloroethene (1,1-Dichloroethylene)	NELAP	PA	08/26/2006
EPA 8260	B, C, D	1,1-Dichloropropene	NELAP	PA	08/26/2006
EPA 8260	B, C, D	1,2,3-Trichlorobenzene	NELAP	PA	08/26/2006
EPA 8260	B, C, D	1,2,3-Trichloropropane (1,2,3-TCP)	NELAP	PA	08/26/2006
EPA 8260	B, C, D	1,2,4-Trichlorobenzene	NELAP	PA	08/26/2006
EPA 8260	B, C, D	1,2,4-Trimethylbenzene	NELAP	PA	11/21/2018
EPA 8260	B, C, D	1,2-Dibromo-3-chloropropane (DBCP, Dibromochloropropane)	NELAP	PA	04/18/2006
EPA 8260	B, C, D	1,2-Dibromoethane (EDB, Ethylene dibromide)	NELAP	PA	08/26/2006
EPA 8260	B, C, D	1,2-Dichlorobenzene (o-Dichlorobenzene)	NELAP	PA	11/21/2018
EPA 8260	B, C, D	1,2-Dichloroethane	NELAP	PA	08/26/2006
EPA 8260	B, C, D	1,2-Dichloroethene (total)	NELAP	PA	03/01/2007
EPA 8260	B, C, D	1,2-Dichloropropane	NELAP	PA	08/26/2006
EPA 8260	B, C, D	1,3,5-Trichlorobenzene	NELAP	PA	04/08/2009
EPA 8260	B, C, D	1,3,5-Trimethylbenzene	NELAP	PA	11/21/2018
EPA 8260	B, C, D	1,3-Dichlorobenzene (m-Dichlorobenzene)	NELAP	PA	11/21/2018
EPA 8260	B, C, D	1,3-Dichloropropane	NELAP	PA	08/26/2006
EPA 8260	B, C, D	1,4-Dichlorobenzene (p-Dichlorobenzene)	NELAP	PA	11/21/2018
EPA 8260	B, C, D	1,4-Dioxane (1,4-Diethyleneoxide)	NELAP	PA	08/26/2006
EPA 8260	B, C, D	2,2,4-Trimethylpentane (Iso-octane)	NELAP	PA	12/05/2007
EPA 8260	B, C, D	2,2-Dichloropropane	NELAP	PA	08/26/2006
EPA 8260	B, C, D	2-Butanone (Methyl ethyl ketone, MEK)	NELAP	PA	04/18/2006
EPA 8260	B, C, D	2-Chloroethyl vinyl ether	NELAP	PA	08/26/2006
EPA 8260	B, C, D	2-Chlorotoluene	NELAP	PA	08/26/2006
EPA 8260	B, C, D	2-Hexanone	NELAP	PA	01/06/2006

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301 Alpha Drive
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(412) 963-7058

DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Non-Potable Water

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 8260	B, C, D	4-Chlorotoluene	NELAP	PA	08/26/2006
EPA 8260	B, C, D	4-Methyl-2-pentanone (MIBK)	NELAP	PA	08/26/2006
EPA 8260	B, C, D	Acetone	NELAP	PA	01/06/2006
EPA 8260	B, C, D	Acetonitrile	NELAP	PA	08/26/2006
EPA 8260	B, C, D	Acrolein (Propenal)	NELAP	PA	08/26/2006
EPA 8260	B, C, D	Acrylonitrile	NELAP	PA	08/26/2006
EPA 8260	B, C, D	Allyl chloride (3-Chloropropene)	NELAP	PA	08/26/2006
EPA 8260	B, C, D	Benzene	NELAP	PA	08/26/2006
EPA 8260	B, C, D	Benzyl chloride	NELAP	PA	08/26/2006
EPA 8260	B, C, D	Bromobenzene	NELAP	PA	08/26/2006
EPA 8260	B, C, D	Bromochloromethane	NELAP	PA	08/26/2006
EPA 8260	B, C, D	Bromodichloromethane	NELAP	PA	08/26/2006
EPA 8260	B, C, D	Bromoform	NELAP	PA	08/26/2006
EPA 8260	B, C, D	Carbon disulfide	NELAP	PA	01/06/2006
EPA 8260	B, C, D	Carbon tetrachloride	NELAP	PA	08/26/2006
EPA 8260	B, C, D	Chlorobenzene	NELAP	PA	08/26/2006
EPA 8260	B, C, D	Chloroethane	NELAP	PA	08/26/2006
EPA 8260	B, C, D	Chloroform	NELAP	PA	08/26/2006
EPA 8260	B, C, D	Chloroprene (2-Chloro-1,3-butadiene)	NELAP	PA	08/26/2006
EPA 8260	B, C, D	Cyclohexane	NELAP	PA	04/18/2006
EPA 8260	B, C, D	Dibromochloromethane	NELAP	PA	08/26/2006
EPA 8260	B, C, D	Dibromomethane	NELAP	PA	04/18/2006
EPA 8260	B, C, D	Dichlorodifluoromethane (Freon 12)	NELAP	PA	08/26/2006
EPA 8260	B, C, D	Dichlorofluoromethane (Freon 21)	NELAP	PA	04/08/2009
EPA 8260	B, C, D	Diethyl ether (Ethyl ether)	NELAP	PA	08/26/2006
EPA 8260	B, C, D	Ethyl acrylate	NELAP	PA	12/05/2007
EPA 8260	B, C, D	Ethyl methacrylate	NELAP	PA	04/18/2006
EPA 8260	B, C, D	Ethylbenzene	NELAP	PA	08/26/2006
EPA 8260	B, C, D	Heptane	NELAP	PA	04/18/2006
EPA 8260	B, C, D	Hexachlorobutadiene (1,3-Hexachlorobutadiene)	NELAP	PA	08/26/2006
EPA 8260	B, C, D	Iodomethane (Methyl iodide)	NELAP	PA	08/26/2006
EPA 8260	B, C, D	Isobutyl alcohol (2-Methyl-1-propanol)	NELAP	PA	08/26/2006
EPA 8260	B, C, D	Isopropyl alcohol (2-Propanol)	NELAP	PA	08/26/2006
EPA 8260	B, C, D	Isopropylbenzene (Cumene)	NELAP	PA	08/26/2006
EPA 8260	B, C, D	Methacrylonitrile	NELAP	PA	08/26/2006
EPA 8260	B, C, D	Methyl acetate	NELAP	PA	04/18/2006
EPA 8260	B, C, D	Methyl bromide (Bromomethane)	NELAP	PA	08/26/2006
EPA 8260	B, C, D	Methyl chloride (Chloromethane)	NELAP	PA	08/26/2006
EPA 8260	B, C, D	Methyl tert-butyl ether (MTBE)	NELAP	PA	08/26/2006
EPA 8260	B, C, D	Methylcyclohexane	NELAP	PA	04/18/2006
EPA 8260	B, C, D	Methylene chloride (Dichloromethane)	NELAP	PA	08/26/2006
EPA 8260	B, C, D	Methylmethacrylate	NELAP	PA	04/18/2006

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301 Alpha Drive
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(412) 963-7058

DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Non-Potable Water

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 8260	B, C, D	Naphthalene	NELAP	PA	12/22/2020
EPA 8260	B, C, D	Propionitrile (Ethyl cyanide)	NELAP	PA	04/18/2006
EPA 8260	B, C, D	Styrene	NELAP	PA	01/06/2006
EPA 8260	B, C, D	Tetrachloroethene (PCE, Perchloroethylene)	NELAP	PA	08/26/2006
EPA 8260	B, C, D	Tetrahydrofuran (THF)	NELAP	PA	04/22/2010
EPA 8260	B, C, D	Toluene	NELAP	PA	08/26/2006
EPA 8260	B, C, D	Trichloroethene (TCE, Trichloroethylene)	NELAP	PA	08/26/2006
EPA 8260	B, C, D	Trichlorofluoromethane (Freon 11)	NELAP	PA	08/26/2006
EPA 8260	B, C, D	Vinyl acetate	NELAP	PA	01/06/2006
EPA 8260	B, C, D	Vinyl chloride (Chloroethene)	NELAP	PA	08/26/2006
EPA 8260	B, C, D	Xylenes, total	NELAP	PA	03/30/2006
EPA 8260	B, C, D	cis-1,2-Dichloroethene	NELAP	PA	08/26/2006
EPA 8260	B, C, D	cis-1,3-Dichloropropene	NELAP	PA	08/26/2006
EPA 8260	B, C, D	m+p-Xylene	NELAP	PA	08/24/2005
EPA 8260	B, C, D	m-Xylene	NELAP	PA	08/26/2006
EPA 8260	B, C, D	n-Butylbenzene	NELAP	PA	08/26/2006
EPA 8260	B, C, D	n-Hexane	NELAP	PA	12/05/2007
EPA 8260	B, C, D	n-Propylbenzene	NELAP	PA	08/26/2006
EPA 8260	B, C, D	o-Xylene	NELAP	PA	08/24/2005
EPA 8260	B, C, D	p-Isopropyltoluene (4-Isopropyltoluene)	NELAP	PA	08/26/2006
EPA 8260	B, C, D	p-Xylene	NELAP	PA	08/26/2006
EPA 8260	B, C, D	sec-Butylbenzene	NELAP	PA	08/26/2006
EPA 8260	B, C, D	tert-Butyl alcohol (2-Methyl-2-propanol)	NELAP	PA	04/08/2008
EPA 8260	B, C, D	tert-Butylbenzene	NELAP	PA	08/26/2006
EPA 8260	B, C, D	trans-1,2-Dichloroethene	NELAP	PA	08/26/2006
EPA 8260	B, C, D	trans-1,3-Dichloropropene	NELAP	PA	08/26/2006
EPA 8260	B, C, D	trans-1,4-Dichloro-2-butene	NELAP	PA	08/26/2006
EPA 8270	C, D	SOCs by GC/MS	NELAP	PA	04/08/2009
EPA 8270	E	SOCs by GC/MS	NELAP	PA	06/05/2019
EPA 8270	C, D, E	1,1'-Biphenyl (Biphenyl, Lemonene)	NELAP	PA	04/18/2006
EPA 8270	C, D, E	1,2,4,5-Tetrachlorobenzene	NELAP	PA	08/26/2006
EPA 8270	C, D, E	1,2,4-Trichlorobenzene	NELAP	PA	08/26/2006
EPA 8270	C, D, E	1,2-Dichlorobenzene (o-Dichlorobenzene)	NELAP	PA	08/26/2006
EPA 8270	C, D, E	1,2-Dinitrobenzene (1,2-DNB)	NELAP	PA	08/26/2006
EPA 8270	C, D, E	1,2-Diphenylhydrazine	NELAP	PA	04/18/2006
EPA 8270	C, D, E	1,3,5-Trinitrobenzene (1,3,5-TNB)	NELAP	PA	08/26/2006
EPA 8270	C, D, E	1,3-Dichlorobenzene (m-Dichlorobenzene)	NELAP	PA	08/26/2006
EPA 8270	C, D, E	1,3-Dinitrobenzene (1,3-DNB)	NELAP	PA	08/26/2006
EPA 8270	C, D, E	1,4-Dichlorobenzene (p-Dichlorobenzene)	NELAP	PA	08/26/2006
EPA 8270	C, D, E	1,4-Dioxane (1,4-Diethyleneoxide)	NELAP	PA	04/18/2006
EPA 8270	C, D, E	1,4-Naphthoquinone	NELAP	PA	08/26/2006
EPA 8270	C, D, E	1,4-Phenylenediamine	NELAP	PA	12/05/2007

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DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Non-Potable Water

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 8270	C, D, E	1-Methylnaphthalene	NELAP	PA	04/08/2009
EPA 8270	C, D, E	1-Naphthylamine (alpha-Naphthylamine)	NELAP	PA	08/26/2006
EPA 8270	C, D, E	2,2'-Oxybis(1-chloropropane) (bis(2-Chloro-1-methylethyl) ether)	NELAP	PA	04/18/2006
EPA 8270	C, D, E	2,2'-oxybis(1-Chloropropane)	NELAP	PA	08/26/2006
EPA 8270	C, D, E	2,3,4,6-Tetrachlorophenol	NELAP	PA	04/18/2006
EPA 8270	C, D, E	2,3,5,6-Tetrachlorophenol	NELAP	PA	08/26/2006
EPA 8270	C, D, E	2,3,7,8-TCDD (Dioxin) (screen)	NELAP	PA	08/26/2006
EPA 8270	C, D, E	2,4,5-Trichlorophenol	NELAP	PA	08/26/2006
EPA 8270	C, D, E	2,4,6-Trichlorophenol	NELAP	PA	08/26/2006
EPA 8270	C, D, E	2,4-Dichlorophenol	NELAP	PA	08/26/2006
EPA 8270	C, D, E	2,4-Dimethylphenol	NELAP	PA	08/26/2006
EPA 8270	C, D, E	2,4-Dinitrophenol	NELAP	PA	08/26/2006
EPA 8270	C, D, E	2,4-Dinitrotoluene (2,4-DNT)	NELAP	PA	08/26/2006
EPA 8270	C, D, E	2,6-Dichlorophenol	NELAP	PA	04/18/2006
EPA 8270	C, D, E	2,6-Dinitrotoluene (2,6-DNT)	NELAP	PA	08/26/2006
EPA 8270	C, D, E	2-Acetylaminofluorene	NELAP	PA	08/26/2006
EPA 8270	C, D, E	2-Chloronaphthalene	NELAP	PA	08/26/2006
EPA 8270	C, D, E	2-Chlorophenol	NELAP	PA	08/26/2006
EPA 8270	C, D, E	2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)	NELAP	PA	04/18/2006
EPA 8270	C, D, E	2-Methylnaphthalene	NELAP	PA	08/26/2006
EPA 8270	C, D, E	2-Methylphenol (o-Cresol)	NELAP	PA	01/06/2006
EPA 8270	C, D, E	2-Naphthylamine (beta-Naphthylamine)	NELAP	PA	08/26/2006
EPA 8270	C, D, E	2-Nitroaniline	NELAP	PA	01/06/2006
EPA 8270	C, D, E	2-Nitrophenol	NELAP	PA	08/26/2006
EPA 8270	C, D, E	2-Picoline (2-Methylpyridine)	NELAP	PA	04/18/2006
EPA 8270	C, D, E	3+4-Methylphenol (m+p-Cresol)	NELAP	PA	01/06/2006
EPA 8270	C, D, E	3,3'-Dichlorobenzidine	NELAP	PA	08/26/2006
EPA 8270	C, D, E	3,3'-Dimethylbenzidine	NELAP	PA	04/18/2006
EPA 8270	C, D, E	3-Methylcholanthrene	NELAP	PA	08/26/2006
EPA 8270	C, D, E	3-Nitroaniline	NELAP	PA	04/18/2006
EPA 8270	C, D, E	4,4'-Methylenebis(2-chloroaniline)	NELAP	PA	04/18/2006
EPA 8270	C, D, E	4-Aminobiphenyl	NELAP	PA	08/26/2006
EPA 8270	C, D, E	4-Bromophenyl phenyl ether	NELAP	PA	08/26/2006
EPA 8270	C, D, E	4-Chloro-3-methylphenol	NELAP	PA	08/26/2006
EPA 8270	C, D, E	4-Chloroaniline	NELAP	PA	01/06/2006
EPA 8270	C, D, E	4-Chlorophenol	NELAP	PA	08/26/2006
EPA 8270	C, D, E	4-Chlorophenyl phenyl ether	NELAP	PA	08/26/2006
EPA 8270	C, D, E	4-Dimethylaminoazobenzene (Dimethylaminoazobenzene)	NELAP	PA	08/26/2006
EPA 8270	C, D, E	4-Nitroaniline	NELAP	PA	04/18/2006
EPA 8270	C, D, E	4-Nitrophenol	NELAP	PA	08/26/2006

Amman Beach

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Eurofins TestAmerica Laboratories Pittsburgh
301 Alpha Drive
Pittsburgh, PA 15238
(412) 963-7058

DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Non-Potable Water

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 8270	C, D, E	4-Nitroquinoline-1-oxide	NELAP	PA	08/26/2006
EPA 8270	C, D, E	5-Nitro-o-toluidine	NELAP	PA	08/26/2006
EPA 8270	C, D, E	6-Methylchrysene	NELAP	PA	12/05/2007
EPA 8270	C, D, E	7,12-Dimethylbenz(a)anthracene	NELAP	PA	08/26/2006
EPA 8270	C, D, E	Acenaphthene	NELAP	PA	08/26/2006
EPA 8270	C, D, E	Acenaphthylene	NELAP	PA	10/27/2010
EPA 8270	C, D, E	Acetophenone	NELAP	PA	08/26/2006
EPA 8270	C, D, E	Acrylamide	NELAP	PA	11/21/2018
EPA 8270	C, D, E	Aniline	NELAP	PA	08/26/2006
EPA 8270	C, D, E	Anthracene	NELAP	PA	08/26/2006
EPA 8270	C, D, E	Aramite	NELAP	PA	04/18/2006
EPA 8270	C, D, E	Atrazine	NELAP	PA	04/18/2006
EPA 8270	C, D, E	Benzaldehyde	NELAP	PA	08/26/2006
EPA 8270	C, D, E	Benzidine	NELAP	PA	08/26/2006
EPA 8270	C, D, E	Benzo[a]anthracene	NELAP	PA	08/26/2006
EPA 8270	C, D, E	Benzo[a]pyrene	NELAP	PA	08/26/2006
EPA 8270	C, D, E	Benzo[b]fluoranthene	NELAP	PA	11/15/2011
EPA 8270	C, D, E	Benzo[ghi]perylene	NELAP	PA	08/26/2006
EPA 8270	C, D, E	Benzo[k]fluoranthene	NELAP	PA	11/15/2011
EPA 8270	C, D, E	Benzoic acid	NELAP	PA	08/26/2006
EPA 8270	C, D, E	Benzyl alcohol	NELAP	PA	08/26/2006
EPA 8270	C, D, E	Butyl benzyl phthalate (Benzyl butyl phthalate)	NELAP	PA	08/26/2006
EPA 8270	C, D, E	Caprolactam	NELAP	PA	04/18/2006
EPA 8270	C, D, E	Carbazole	NELAP	PA	01/06/2006
EPA 8270	C, D, E	Chlorobenzilate	NELAP	PA	04/18/2006
EPA 8270	C, D, E	Chrysene (Benzo[a]phenanthrene)	NELAP	PA	08/26/2006
EPA 8270	C, D, E	Cresols (total)	NELAP	PA	04/18/2006
EPA 8270	C, D, E	Di-n-butyl phthalate	NELAP	PA	08/26/2006
EPA 8270	C, D, E	Di-n-octyl phthalate	NELAP	PA	11/15/2011
EPA 8270	C, D, E	Diallate (cis or trans)	NELAP	PA	04/18/2006
EPA 8270	C, D, E	Dibenz[a,h]acridine	NELAP	PA	12/05/2007
EPA 8270	C, D, E	Dibenzo[a,h]anthracene	NELAP	PA	08/26/2006
EPA 8270	C, D, E	Dibenzofuran	NELAP	PA	01/06/2006
EPA 8270	C, D, E	Diethyl phthalate	NELAP	PA	08/26/2006
EPA 8270	C, D, E	Dimethoate	NELAP	PA	08/26/2006
EPA 8270	C, D, E	Dimethyl phthalate	NELAP	PA	08/26/2006
EPA 8270	C, D, E	Dinoseb (2-sec-Butyl-4,6-dinitrophenol, DNBP)	NELAP	PA	08/26/2006
EPA 8270	C, D, E	Disulfoton	NELAP	PA	08/26/2006
EPA 8270	C, D, E	Ethyl methanesulfonate	NELAP	PA	08/26/2006
EPA 8270	C, D, E	Famphur	NELAP	PA	08/26/2006
EPA 8270	C, D, E	Fluoranthene	NELAP	PA	08/26/2006
EPA 8270	C, D, E	Fluorene	NELAP	PA	08/26/2006

Amman's Beach

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Eurofins TestAmerica Laboratories Pittsburgh
301 Alpha Drive
Pittsburgh, PA 15238
(412) 963-7058

DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Non-Potable Water

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 8270	C, D, E	Hexachlorobenzene	NELAP	PA	08/26/2006
EPA 8270	C, D, E	Hexachlorobutadiene (1,3-Hexachlorobutadiene)	NELAP	PA	08/26/2006
EPA 8270	C, D, E	Hexachlorocyclopentadiene	NELAP	PA	08/26/2006
EPA 8270	C, D, E	Hexachloroethane	NELAP	PA	08/26/2006
EPA 8270	C, D, E	Hexachloropropene	NELAP	PA	04/18/2006
EPA 8270	C, D, E	Indene	NELAP	PA	04/08/2009
EPA 8270	C, D, E	Indeno(1,2,3-cd)pyrene	NELAP	PA	08/26/2006
EPA 8270	C, D, E	Isodrin	NELAP	PA	08/26/2006
EPA 8270	C, D, E	Isophorone	NELAP	PA	08/26/2006
EPA 8270	C, D, E	Isosafrole	NELAP	PA	08/26/2006
EPA 8270	C, D, E	Kepone	NELAP	PA	04/18/2006
EPA 8270	C, D, E	Methapyrilene	NELAP	PA	08/26/2006
EPA 8270	C, D, E	Methyl methanesulfonate	NELAP	PA	08/26/2006
EPA 8270	C, D, E	Methyl parathion (Parathion, methyl)	NELAP	PA	04/18/2006
EPA 8270	C, D, E	N-Nitrosodi-n-butylamine	NELAP	PA	04/18/2006
EPA 8270	C, D, E	N-Nitrosodi-n-propylamine	NELAP	PA	08/26/2006
EPA 8270	C, D, E	N-Nitrosodiethylamine	NELAP	PA	08/26/2006
EPA 8270	C, D, E	N-Nitrosodimethylamine	NELAP	PA	08/26/2006
EPA 8270	C, D, E	N-Nitrosodiphenylamine	NELAP	PA	08/26/2006
EPA 8270	C, D, E	N-Nitrosomethylethylamine	NELAP	PA	04/18/2006
EPA 8270	C, D, E	N-Nitrosomorpholine	NELAP	PA	08/26/2006
EPA 8270	C, D, E	N-Nitrosopiperidine	NELAP	PA	08/26/2006
EPA 8270	C, D, E	N-Nitrosopyrrolidine	NELAP	PA	08/26/2006
EPA 8270	C, D, E	Naphthalene	NELAP	PA	08/26/2006
EPA 8270	C, D, E	Nitrobenzene	NELAP	PA	08/26/2006
EPA 8270	C, D, E	O,O,O-Triethyl phosphorothioate	NELAP	PA	08/26/2006
EPA 8270	C, D, E	Parathion, ethyl (Ethyl parathion, Parathion)	NELAP	PA	04/18/2006
EPA 8270	C, D, E	Pentachlorobenzene	NELAP	PA	04/18/2006
EPA 8270	C, D, E	Pentachloroethane	NELAP	PA	08/26/2006
EPA 8270	C, D, E	Pentachloronitrobenzene (PCNB)	NELAP	PA	04/18/2006
EPA 8270	C, D, E	Pentachlorophenol (PCP)	NELAP	PA	08/26/2006
EPA 8270	C, D, E	Phenacetin	NELAP	PA	08/26/2006
EPA 8270	C, D, E	Phenanthrene	NELAP	PA	08/26/2006
EPA 8270	C, D, E	Phenol	NELAP	PA	08/26/2006
EPA 8270	C, D, E	Phorate (Thimet)	NELAP	PA	08/26/2006
EPA 8270	C, D, E	Pronamide (Kerb)	NELAP	PA	04/18/2006
EPA 8270	C, D, E	Pyrene	NELAP	PA	08/26/2006
EPA 8270	C, D, E	Pyridine	NELAP	PA	04/18/2006
EPA 8270	C, D, E	Safrole	NELAP	PA	08/26/2006
EPA 8270	C, D, E	Sulfotep (Tetraethyl dithiopyrophosphate)	NELAP	PA	08/26/2006
EPA 8270	C, D, E	Thionazine (Thionazin, Zinophos)	NELAP	PA	08/26/2006
EPA 8270	C, D, E	bis(2-Chloroethoxy)methane	NELAP	PA	08/26/2006

Ammerlee Beach

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Eurofins TestAmerica Laboratories Pittsburgh
301 Alpha Drive
Pittsburgh, PA 15238
(412) 963-7058

DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Non-Potable Water

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 8270	C, D, E	bis(2-Chloroethyl) ether	NELAP	PA	08/26/2006
EPA 8270	C, D, E	bis(2-Ethylhexyl) phthalate (DEHP)	NELAP	PA	08/26/2006
EPA 8270	C, D, E	n-Octadecane	NELAP	PA	04/08/2009
EPA 8270	C, D, E	o-Toluidine (2-Toluidine, 2-Methylaniline)	NELAP	PA	04/18/2006
EPA 8270	C, D, E	p-(Dimethylamino)azobenzene	NELAP	PA	04/08/2009
EPA 8270	C, D, E	p-Phenylenediamine	NELAP	PA	04/08/2009
EPA 9010	C	Total cyanide	NELAP	PA	03/04/2013
EPA 9014		Total cyanide	NELAP	PA	12/14/2012
EPA 9030	B	Sulfide	NELAP	PA	10/25/2018
EPA 9034		Sulfide	NELAP	PA	10/25/2018
EPA 9040	B	pH	NELAP	PA	04/18/2006
EPA 9040	C	pH	NELAP	PA	08/26/2006
EPA 9050	A	Conductivity	NELAP	PA	03/16/2009
EPA 9056	A	Anions by IC	NELAP	PA	03/16/2009
EPA 9056	A	Bromide	NELAP	PA	08/26/2006
EPA 9056	A	Chloride	NELAP	PA	08/26/2006
EPA 9056	A	Fluoride	NELAP	PA	08/26/2006
EPA 9056	A	Nitrate as N	NELAP	PA	08/26/2006
EPA 9056	A	Nitrite as N	NELAP	PA	08/26/2006
EPA 9056	A	Orthophosphate as P	NELAP	PA	08/26/2006
EPA 9056	A	Sulfate	NELAP	PA	08/26/2006
EPA 9060	A	Total organic carbon (TOC)	NELAP	PA	04/22/2010
EPA 9065		Total phenolics	NELAP	PA	04/08/2008
EPA 9070	A	Non-polar material	NELAP	PA	12/30/2019
EPA 9070	A	Oil and grease	NELAP	PA	04/04/2007
OIA 1677-09		Available cyanide	NELAP	PA	08/24/2005
OIA 1677-09		Free cyanide	NELAP	PA	04/19/2018
SM 2120 B		Color	NELAP	PA	04/10/2007
SM 2310 B		Acidity as CaCO3	NELAP	PA	11/21/2018
SM 2320 B		Alkalinity as CaCO3	NELAP	PA	01/22/2007
SM 2340 C		Total hardness as CaCO3	NELAP	PA	01/22/2007
SM 2510 B		Conductivity	NELAP	PA	04/21/2010
SM 2520 B		Salinity	NELAP	PA	04/08/2008
SM 2540 B		Residue, total	NELAP	PA	04/10/2007
SM 2540 C		Residue, filterable (TDS)	NELAP	PA	10/13/2010
SM 2540 D		Residue, nonfilterable (TSS)	NELAP	PA	04/10/2007
SM 2540 E		Fixed suspended solids	NELAP	PA	04/13/2009
SM 2540 E		Residue, volatile	NELAP	PA	02/03/2016
SM 2540 E		Volatile suspended solids	NELAP	PA	04/13/2009
SM 2540 F		Residue, settleable	NELAP	PA	04/10/2007
SM 2580 B		Oxidation-reduction potential	NELAP	PA	05/04/2009
SM 3500-Cr B	20-22	Chromium VI	NELAP	PA	08/24/2005

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(412) 963-7058

DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Non-Potable Water

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
SM 4500-CN- C/E		Cyanide	NELAP	PA	12/14/2012
SM 4500-Cl G		Total residual chlorine	NELAP	PA	04/08/2008
SM 4500-H+ B		pH	NELAP	PA	04/10/2007
SM 4500-Norg D		Kjeldahl nitrogen, total (TKN)	NELAP	PA	07/22/2020
SM 4500-O G		Oxygen (dissolved)	NELAP	PA	03/16/2009
SM 4500-S2- F		Sulfide	NELAP	PA	10/25/2018
SM 5210 B		Biochemical oxygen demand (BOD)	NELAP	PA	06/24/2008
SM 5210 B		Carbonaceous BOD (CBOD)	NELAP	PA	08/26/2006
SM 5310 C		Dissolved organic carbon (DOC)	NELAP	PA	07/12/2010
SM 5310 C		Total organic carbon (TOC)	NELAP	PA	07/12/2010
SM 5540 C		Surfactants as MBAS	NELAP	PA	10/24/2012

Matrix: Solid and Chemical Materials

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
ASTM D3987-85		Shake extraction of solid waste with water	NELAP	PA	12/05/2007
ASTM D5057-90		Apparent specific gravity	NELAP	PA	09/27/2010
ASTM D5057-90		Bulk density	NELAP	PA	09/27/2010
EPA 1010	A	Ignitability	NELAP	PA	04/09/2009
EPA 1020	B	Ignitability	NELAP	PA	04/09/2009
EPA 1311		Toxicity characteristic leaching procedure (TCLP)	NELAP	PA	04/07/2005
EPA 1312		Synthetic precipitation leaching procedure (SPLP)	NELAP	PA	04/18/2006
EPA 300.0	2.1	Bromide	NELAP	PA	04/20/2011
EPA 300.0	2.1	Chloride	NELAP	PA	04/20/2011
EPA 300.0	2.1	Fluoride	NELAP	PA	04/20/2011
EPA 300.0	2.1	Nitrate as N	NELAP	PA	04/20/2011
EPA 300.0	2.1	Nitrite as N	NELAP	PA	04/20/2011
EPA 300.0	2.1	Orthophosphate as P	NELAP	PA	04/20/2011
EPA 300.0	2.1	Sulfate	NELAP	PA	04/20/2011
EPA 3005	A	Preconcentration under acid	NELAP	PA	04/07/2005
EPA 3010	A	Hot plate acid digestion (HNO ₃ + HCl)	NELAP	PA	04/07/2005
EPA 3050	B	Acid digestion of solids	NELAP	PA	04/07/2005
EPA 3060	A	Alkaline digestion of Cr(VI)	NELAP	PA	04/07/2005
EPA 350.1	2.0	Ammonia as N	NELAP	PA	08/26/2006
EPA 351.2		Kjeldahl nitrogen, total (TKN)	NELAP	PA	07/22/2020
EPA 3510	C	Separatory funnel liquid-liquid extraction	NELAP	PA	04/07/2005
EPA 3520	C	Continuous liquid-liquid extraction	NELAP	PA	04/07/2005
EPA 353.2		Total nitrate-nitrite	NELAP	PA	04/20/2011
EPA 3541		Automated soxhlet extraction	NELAP	PA	04/07/2005
EPA 3580	A	Waste dilution	NELAP	PA	04/07/2005
EPA 3585		Waste dilution for VOCs	NELAP	PA	04/07/2005

Annemie Beach

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DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Solid and Chemical Materials

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 3620	B	Florisil cleanup	NELAP	PA	04/18/2006
EPA 3620	C	Florisil cleanup	NELAP	PA	04/09/2009
EPA 3640	A	Gel permeation cleanup (GPC)	NELAP	PA	04/18/2006
EPA 365.4		Phosphorus, total	NELAP	PA	07/22/2020
EPA 3660	B	Sulfur cleanup	NELAP	PA	04/18/2006
EPA 3665	A	Sulfuric acid/permanganate clean-up	NELAP	PA	04/18/2006
EPA 410.4	2.0	Chemical oxygen demand (COD)	NELAP	PA	08/26/2006
EPA 5030	B	Aqueous-phase purge-and-trap	NELAP	PA	03/04/2013
EPA 5035	A	Closed-system purge-and-trap (freezing option)	NELAP	PA	06/15/2012
EPA 5035	A	Closed-system purge-and-trap (methanol option)	NELAP	PA	06/15/2012
EPA 5035	A	Closed-system purge-and-trap (unpreserved)	NELAP	PA	06/15/2012
EPA 5035		Closed-system purge-and-trap (bisulfate option)	NELAP	PA	04/07/2005
EPA 5035		Closed-system purge-and-trap (methanol option)	NELAP	PA	04/07/2005
EPA 5035		Closed-system purge-and-trap (unpreserved)	NELAP	PA	08/24/2005
EPA 6010	B	Metals by ICP/AES	NELAP	PA	04/08/2009
EPA 6010	C	Metals by ICP/AES	NELAP	PA	04/09/2009
EPA 6010	D	Metals by ICP/AES	NELAP	PA	06/05/2019
EPA 6010	B, C, D	Aluminum	NELAP	PA	08/24/2005
EPA 6010	B, C, D	Antimony	NELAP	PA	04/07/2005
EPA 6010	B, C, D	Arsenic	NELAP	PA	04/07/2005
EPA 6010	B, C, D	Barium	NELAP	PA	04/07/2005
EPA 6010	B, C, D	Beryllium	NELAP	PA	04/07/2005
EPA 6010	B, C, D	Boron	NELAP	PA	04/07/2005
EPA 6010	B, C, D	Cadmium	NELAP	PA	04/07/2005
EPA 6010	B, C, D	Calcium	NELAP	PA	04/07/2005
EPA 6010	B, C, D	Chromium	NELAP	PA	04/07/2005
EPA 6010	B, C, D	Cobalt	NELAP	PA	04/07/2005
EPA 6010	B, C, D	Copper	NELAP	PA	04/07/2005
EPA 6010	B, C, D	Iron	NELAP	PA	04/07/2005
EPA 6010	B, C, D	Lead	NELAP	PA	04/07/2005
EPA 6010	B, C, D	Lithium	NELAP	PA	04/22/2010
EPA 6010	B, C, D	Magnesium	NELAP	PA	04/07/2005
EPA 6010	B, C, D	Manganese	NELAP	PA	04/07/2005
EPA 6010	B, C, D	Molybdenum	NELAP	PA	04/07/2005
EPA 6010	B, C, D	Nickel	NELAP	PA	04/07/2005
EPA 6010	B, C, D	Potassium	NELAP	PA	04/07/2005
EPA 6010	B, C, D	Selenium	NELAP	PA	04/07/2005
EPA 6010	B, C, D	Silica, as SiO2	NELAP	PA	04/07/2005
EPA 6010	B, C, D	Silicon	NELAP	PA	06/03/2010
EPA 6010	B, C, D	Silver	NELAP	PA	04/07/2005
EPA 6010	B, C, D	Sodium	NELAP	PA	04/07/2005
EPA 6010	B, C, D	Strontium	NELAP	PA	04/07/2005

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DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Solid and Chemical Materials

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 6010	B, C, D	Thallium	NELAP	PA	04/07/2005
EPA 6010	B, C, D	Tin	NELAP	PA	04/07/2005
EPA 6010	B, C, D	Titanium	NELAP	PA	04/07/2005
EPA 6010	B, C, D	Vanadium	NELAP	PA	04/07/2005
EPA 6010	B, C, D	Zinc	NELAP	PA	04/07/2005
EPA 6020	A	Metals by ICP/MS	NELAP	PA	04/09/2009
EPA 6020	B	Metals by ICP/MS	NELAP	PA	06/05/2019
EPA 6020		Metals by ICP/MS	NELAP	PA	07/26/2019
EPA 6020	A, B	Aluminum	NELAP	PA	04/07/2005
EPA 6020	A, B	Antimony	NELAP	PA	04/07/2005
EPA 6020	A, B	Arsenic	NELAP	PA	04/07/2005
EPA 6020	A, B	Barium	NELAP	PA	04/07/2005
EPA 6020	A, B	Beryllium	NELAP	PA	04/07/2005
EPA 6020	A, B	Boron	NELAP	PA	08/24/2005
EPA 6020	A, B	Cadmium	NELAP	PA	04/07/2005
EPA 6020	A, B	Calcium	NELAP	PA	08/24/2005
EPA 6020	A, B	Chromium	NELAP	PA	04/07/2005
EPA 6020	A, B	Cobalt	NELAP	PA	04/07/2005
EPA 6020	A, B	Copper	NELAP	PA	04/07/2005
EPA 6020	A, B	Iron	NELAP	PA	08/24/2005
EPA 6020	A, B	Lead	NELAP	PA	04/07/2005
EPA 6020	A, B	Lithium	NELAP	PA	03/24/2017
EPA 6020	A, B	Magnesium	NELAP	PA	08/24/2005
EPA 6020	A, B	Manganese	NELAP	PA	04/07/2005
EPA 6020	A, B	Molybdenum	NELAP	PA	04/07/2005
EPA 6020	A, B	Nickel	NELAP	PA	04/07/2005
EPA 6020	A, B	Potassium	NELAP	PA	08/24/2005
EPA 6020	A, B	Selenium	NELAP	PA	04/07/2005
EPA 6020	A, B	Silica, as SiO ₂	NELAP	PA	04/18/2006
EPA 6020	A, B	Silicon	NELAP	PA	06/03/2010
EPA 6020	A, B	Silver	NELAP	PA	04/07/2005
EPA 6020	A, B	Sodium	NELAP	PA	08/24/2005
EPA 6020	A, B	Strontium	NELAP	PA	04/07/2005
EPA 6020	A, B	Thallium	NELAP	PA	04/07/2005
EPA 6020	A, B	Thorium	NELAP	PA	03/24/2017
EPA 6020	A, B	Tin	NELAP	PA	08/24/2005
EPA 6020	A, B	Titanium	NELAP	PA	08/24/2005
EPA 6020	A, B	Uranium (mass)	NELAP	PA	03/24/2017
EPA 6020	A, B	Vanadium	NELAP	PA	04/07/2005
EPA 6020	A, B	Zinc	NELAP	PA	04/07/2005
EPA 7196	A	Chromium VI	NELAP	PA	04/07/2005
EPA 7470	A	Mercury	NELAP	PA	08/26/2006

Annmarie Beach

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Eurofins TestAmerica Laboratories Pittsburgh
301 Alpha Drive
Pittsburgh, PA 15238
(412) 963-7058

DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Solid and Chemical Materials

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 7471	A	Mercury	NELAP	PA	04/07/2005
EPA 7471	B	Mercury	NELAP	PA	04/09/2009
EPA 8081	A	Organochlorine pesticides by GC/ECD	NELAP	PA	04/08/2009
EPA 8081	B	Organochlorine pesticides by GC/ECD	NELAP	PA	01/01/2013
EPA 8081	A, B	2,4'-DDD	NELAP	PA	04/18/2006
EPA 8081	A, B	2,4'-DDE	NELAP	PA	04/18/2006
EPA 8081	A, B	2,4'-DDT	NELAP	PA	04/18/2006
EPA 8081	A, B	4,4'-DDD	NELAP	PA	04/07/2005
EPA 8081	A, B	4,4'-DDE	NELAP	PA	04/07/2005
EPA 8081	A, B	4,4'-DDT	NELAP	PA	04/07/2005
EPA 8081	A, B	Aldrin (HHDN)	NELAP	PA	04/07/2005
EPA 8081	A, B	Chlorobenzene	NELAP	PA	04/18/2006
EPA 8081	A, B	Chlordane (tech.)	NELAP	PA	04/07/2005
EPA 8081	A, B	Dacthal (DCPA)	NELAP	PA	08/26/2006
EPA 8081	A, B	Diallate (cis or trans)	NELAP	PA	08/26/2006
EPA 8081	A, B	Dieldrin	NELAP	PA	04/07/2005
EPA 8081	A, B	Endosulfan I	NELAP	PA	04/07/2005
EPA 8081	A, B	Endosulfan II	NELAP	PA	04/07/2005
EPA 8081	A, B	Endosulfan sulfate	NELAP	PA	04/07/2005
EPA 8081	A, B	Endrin	NELAP	PA	04/07/2005
EPA 8081	A, B	Endrin aldehyde	NELAP	PA	04/07/2005
EPA 8081	A, B	Endrin ketone	NELAP	PA	04/07/2005
EPA 8081	A, B	Heptachlor	NELAP	PA	04/07/2005
EPA 8081	A, B	Heptachlor epoxide	NELAP	PA	04/07/2005
EPA 8081	A, B	Hexachlorobenzene	NELAP	PA	05/12/2011
EPA 8081	A, B	Isodrin	NELAP	PA	08/24/2005
EPA 8081	A, B	Methoxychlor	NELAP	PA	04/07/2005
EPA 8081	A, B	Mirex	NELAP	PA	08/24/2005
EPA 8081	A, B	Oxychlordane	NELAP	PA	04/09/2009
EPA 8081	A, B	Toxaphene (Chlorinated camphene)	NELAP	PA	04/07/2005
EPA 8081	A, B	alpha-BHC (alpha-Hexachlorocyclohexane)	NELAP	PA	04/07/2005
EPA 8081	A, B	alpha-Chlordane	NELAP	PA	04/07/2005
EPA 8081	A, B	beta-BHC (beta-Hexachlorocyclohexane)	NELAP	PA	04/07/2005
EPA 8081	A, B	cis-Nonachlor	NELAP	PA	04/18/2006
EPA 8081	A, B	delta-BHC (delta-Hexachlorocyclohexane)	NELAP	PA	04/07/2005
EPA 8081	A, B	gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)	NELAP	PA	04/07/2005
EPA 8081	A, B	gamma-Chlordane	NELAP	PA	04/07/2005
EPA 8081	A, B	trans-Nonachlor	NELAP	PA	04/18/2006
EPA 8082	A	PCBs by GC/ECD	NELAP	PA	04/09/2009
EPA 8082		PCBs by GC/ECD	NELAP	PA	07/26/2019
EPA 8082	A	2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl (BZ 206)	NELAP	PA	08/26/2006

Annamarie Beach

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Eurofins TestAmerica Laboratories Pittsburgh
301 Alpha Drive
Pittsburgh, PA 15238
(412) 963-7058

DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Solid and Chemical Materials

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 8082	A	2,2',3,3',4,4',5,6-Octachlorobiphenyl (BZ 195)	NELAP	PA	04/13/2009
EPA 8082	A	2,2',3,3',4,4',5-Heptachlorobiphenyl (BZ 170)	NELAP	PA	08/26/2006
EPA 8082	A	2,2',3,3',4,4'-Hexachlorobiphenyl (BZ 128)	NELAP	PA	08/26/2006
EPA 8082	A	2,2',3,4',5,5',6-Heptachlorobiphenyl (BZ 187)	NELAP	PA	08/26/2006
EPA 8082	A	2,2',3,4,4',5',6-Heptachlorobiphenyl (BZ 183)	NELAP	PA	08/26/2006
EPA 8082	A	2,2',3,4,4',5'-Hexachlorobiphenyl (BZ 138)	NELAP	PA	08/26/2006
EPA 8082	A	2,2',3,4,4',5,5'-Heptachlorobiphenyl (BZ 180)	NELAP	PA	08/26/2006
EPA 8082	A	2,2',3,4,4',6,6'-Heptachlorobiphenyl (BZ 184)	NELAP	PA	04/13/2009
EPA 8082	A	2,2',3,4,5'-Pentachlorobiphenyl (BZ 87)	NELAP	PA	08/26/2006
EPA 8082	A	2,2',3,5'-Tetrachlorobiphenyl (BZ 44)	NELAP	PA	08/26/2006
EPA 8082	A	2,2',4,4',5,5'-Hexachlorobiphenyl (BZ 153)	NELAP	PA	08/26/2006
EPA 8082	A	2,2',4,5'-Tetrachlorobiphenyl (BZ 49)	NELAP	PA	08/26/2006
EPA 8082	A	2,2',4,5,5'-Pentachlorobiphenyl (BZ 101)	NELAP	PA	08/26/2006
EPA 8082	A	2,2',5,5'-Tetrachlorobiphenyl (BZ 52)	NELAP	PA	08/26/2006
EPA 8082	A	2,2',5-Trichlorobiphenyl (BZ 18)	NELAP	PA	08/26/2006
EPA 8082	A	2,3',4,4',5'-Pentachlorobiphenyl (BZ 123)	NELAP	PA	04/25/2014
EPA 8082	A	2,3',4,4',5,5'-Hexachlorobiphenyl (BZ 167)	NELAP	PA	04/25/2014
EPA 8082	A	2,3',4,4',5-Pentachlorobiphenyl (BZ 118)	NELAP	PA	08/26/2006
EPA 8082	A	2,3',4,4'-Tetrachlorobiphenyl (BZ 66)	NELAP	PA	08/26/2006
EPA 8082	A	2,3,3',4,4',5'-Hexachlorobiphenyl (BZ 157)	NELAP	PA	04/25/2014
EPA 8082	A	2,3,3',4,4',5,5'-Heptachlorobiphenyl (BZ 189)	NELAP	PA	04/25/2014
EPA 8082	A	2,3,3',4,4',5-Hexachlorobiphenyl (BZ 156)	NELAP	PA	12/30/2019
EPA 8082	A	2,3,3',4,4'-Pentachlorobiphenyl (BZ 105)	NELAP	PA	04/13/2009
EPA 8082	A	2,3,4,4',5-Pentachlorobiphenyl (BZ 114)	NELAP	PA	04/25/2014
EPA 8082	A	2,4'-Dichlorobiphenyl (BZ 8)	NELAP	PA	04/13/2009
EPA 8082	A	2,4,4'-Trichlorobiphenyl (BZ 28)	NELAP	PA	04/13/2009
EPA 8082	A	3,3',4,4',5,5'-Hexachlorobiphenyl (BZ 169)	NELAP	PA	04/13/2009
EPA 8082	A	3,3',4,4',5-Pentachlorobiphenyl (BZ 126)	NELAP	PA	04/13/2009
EPA 8082	A	3,3',4,4'-Tetrachlorobiphenyl (BZ 77)	NELAP	PA	04/13/2009
EPA 8082	A	3,4,4',5-Tetrachlorobiphenyl (BZ 81)	NELAP	PA	04/25/2014
EPA 8082	A	Aroclor-1016 (PCB-1016)	NELAP	PA	11/08/2007
EPA 8082	A	Aroclor-1016 (in oil)	NELAP	PA	10/19/2016
EPA 8082	A	Aroclor-1221 (PCB-1221)	NELAP	PA	11/08/2007
EPA 8082	A	Aroclor-1221 (in oil)	NELAP	PA	10/19/2016
EPA 8082	A	Aroclor-1232 (PCB-1232)	NELAP	PA	11/08/2007
EPA 8082	A	Aroclor-1232 (in oil)	NELAP	PA	10/19/2016
EPA 8082	A	Aroclor-1242 (PCB-1242)	NELAP	PA	11/08/2007
EPA 8082	A	Aroclor-1242 (in oil)	NELAP	PA	10/19/2016
EPA 8082	A	Aroclor-1248 (PCB-1248)	NELAP	PA	11/08/2007
EPA 8082	A	Aroclor-1248 (in oil)	NELAP	PA	10/19/2016
EPA 8082	A	Aroclor-1254 (PCB-1254)	NELAP	PA	11/08/2007
EPA 8082	A	Aroclor-1254 (in oil)	NELAP	PA	10/19/2016

Annmarie Beach

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Eurofins TestAmerica Laboratories Pittsburgh
301 Alpha Drive
Pittsburgh, PA 15238
(412) 963-7058

DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Solid and Chemical Materials

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 8082	A	Aroclor-1260 (PCB-1260)	NELAP	PA	11/08/2007
EPA 8082	A	Aroclor-1260 (In oil)	NELAP	PA	10/19/2016
EPA 8082	A	Aroclor-1262 (PCB-1262)	NELAP	PA	04/08/2008
EPA 8082	A	Aroclor-1268 (PCB-1268)	NELAP	PA	04/08/2008
EPA 8082	A	Decachlorobiphenyl	NELAP	PA	08/26/2006
EPA 8141	A	Organophosphorus compounds by GC/NPD	NELAP	PA	04/08/2009
EPA 8141	B	Organophosphorus compounds by GC/NPD	NELAP	PA	04/09/2009
EPA 8141	A, B	Azinphos-methyl (Guthion)	NELAP	PA	04/07/2005
EPA 8141	A, B	Bolstar (Sulprofos)	NELAP	PA	04/18/2006
EPA 8141	A, B	Chlorpyrifos	NELAP	PA	08/24/2005
EPA 8141	A, B	Coumaphos	NELAP	PA	08/24/2005
EPA 8141	A, B	Demeton	NELAP	PA	04/09/2009
EPA 8141	A, B	Demeton-O	NELAP	PA	04/07/2005
EPA 8141	A, B	Demeton-S	NELAP	PA	04/07/2005
EPA 8141	A, B	Diazinon (Spectracide)	NELAP	PA	04/07/2005
EPA 8141	A, B	Dichlorvos (DDVP, Dichlorvos)	NELAP	PA	08/24/2005
EPA 8141	A, B	Dimethoate	NELAP	PA	08/24/2005
EPA 8141	A, B	Disulfoton	NELAP	PA	04/07/2005
EPA 8141	A, B	EPN (Santox)	NELAP	PA	08/24/2005
EPA 8141	A, B	Ethoprop (Prophos)	NELAP	PA	08/24/2005
EPA 8141	A, B	Famphur	NELAP	PA	08/24/2005
EPA 8141	A, B	Fensulfothion	NELAP	PA	08/24/2005
EPA 8141	A, B	Fenthion	NELAP	PA	08/24/2005
EPA 8141	A, B	Malathion	NELAP	PA	04/07/2005
EPA 8141	A, B	Methyl parathion (Parathion, methyl)	NELAP	PA	04/07/2005
EPA 8141	A, B	Mevinphos	NELAP	PA	08/24/2005
EPA 8141	A, B	O,O,O-Triethyl phosphorothioate	NELAP	PA	04/18/2006
EPA 8141	A, B	Parathion, ethyl (Ethyl parathion, Parathion)	NELAP	PA	04/07/2005
EPA 8141	A, B	Phorate (Thimet)	NELAP	PA	08/24/2005
EPA 8141	A, B	Ronnel	NELAP	PA	04/18/2006
EPA 8141	A, B	Stirophos (Tetrachlorovinphos)	NELAP	PA	04/18/2006
EPA 8141	A, B	Sulfotepp (Tetraethyl dithiopyrophosphate)	NELAP	PA	08/26/2006
EPA 8141	A, B	Thionazine (Thionazin, Zinphos)	NELAP	PA	04/18/2006
EPA 8141	A, B	Tokuthion (Prothiophos)	NELAP	PA	04/18/2006
EPA 8141	A, B	Trichloronate	NELAP	PA	04/18/2006
EPA 8151	A	Chlorinated herbicides by GC/ECD	NELAP	PA	04/08/2009
EPA 8151	A	2,4,5-T	NELAP	PA	04/07/2005
EPA 8151	A	2,4,5-TP (Silvex)	NELAP	PA	04/07/2005
EPA 8151	A	2,4-D	NELAP	PA	04/07/2005
EPA 8151	A	2,4-DB (Butoxon)	NELAP	PA	04/07/2005
EPA 8151	A	Dalapon (2,2-Dichloropropionic acid)	NELAP	PA	08/24/2005
EPA 8151	A	Dicamba	NELAP	PA	04/07/2005

Ammerie Beach

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Eurofins TestAmerica Laboratories Pittsburgh
301 Alpha Drive
Pittsburgh, PA 15238
(412) 963-7058

DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Solid and Chemical Materials

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 8151	A	Dichloroprop (Dichlorprop)	NELAP	PA	04/07/2005
EPA 8151	A	Dinoseb (2-sec-Butyl-4,6-dinitrophenol, DNBP)	NELAP	PA	12/30/2019
EPA 8151	A	MCPA	NELAP	PA	04/07/2005
EPA 8151	A	MCPPE (Mecoprop)	NELAP	PA	04/07/2005
EPA 8151	A	Pentachlorophenol (PCP)	NELAP	PA	04/07/2005
EPA 8260	B	VOCs by GC/MS	NELAP	PA	04/08/2009
EPA 8260	C	VOCs by GC/MS	NELAP	PA	12/05/2013
EPA 8260	D	VOCs by GC/MS	NELAP	PA	06/05/2019
EPA 8260	B, C, D	1,1,1,2-Tetrachloroethane	NELAP	PA	08/24/2005
EPA 8260	B, C, D	1,1,1-Trichloroethane	NELAP	PA	04/07/2005
EPA 8260	B, C, D	1,1,2,2-Tetrachloroethane	NELAP	PA	04/07/2005
EPA 8260	B, C, D	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	NELAP	PA	08/24/2005
EPA 8260	B, C, D	1,1,2-Trichloroethane	NELAP	PA	04/07/2005
EPA 8260	B, C, D	1,1-Dichloroethane	NELAP	PA	04/07/2005
EPA 8260	B, C, D	1,1-Dichloroethene (1,1-Dichloroethylene)	NELAP	PA	04/07/2005
EPA 8260	B, C, D	1,1-Dichloropropene	NELAP	PA	08/26/2006
EPA 8260	B, C, D	1,2,3-Trichlorobenzene	NELAP	PA	08/26/2006
EPA 8260	B, C, D	1,2,3-Trichloropropane (1,2,3-TCP)	NELAP	PA	04/07/2005
EPA 8260	B, C, D	1,2,4-Trichlorobenzene	NELAP	PA	04/07/2005
EPA 8260	B, C, D	1,2,4-Trimethylbenzene	NELAP	PA	08/26/2006
EPA 8260	B, C, D	1,2-Dibromo-3-chloropropane (DBCP, Dibromochloropropane)	NELAP	PA	08/24/2005
EPA 8260	B, C, D	1,2-Dibromoethane (EDB, Ethylene dibromide)	NELAP	PA	04/07/2005
EPA 8260	B, C, D	1,2-Dichlorobenzene (o-Dichlorobenzene)	NELAP	PA	04/07/2005
EPA 8260	B, C, D	1,2-Dichloroethane	NELAP	PA	04/07/2005
EPA 8260	B, C, D	1,2-Dichloroethene (total)	NELAP	PA	03/01/2007
EPA 8260	B, C, D	1,2-Dichloropropane	NELAP	PA	04/07/2005
EPA 8260	B, C, D	1,3,5-Trichlorobenzene	NELAP	PA	04/09/2009
EPA 8260	B, C, D	1,3,5-Trimethylbenzene	NELAP	PA	08/26/2006
EPA 8260	B, C, D	1,3-Dichlorobenzene (m-Dichlorobenzene)	NELAP	PA	04/07/2005
EPA 8260	B, C, D	1,3-Dichloropropane	NELAP	PA	08/26/2006
EPA 8260	B, C, D	1,4-Dichlorobenzene (p-Dichlorobenzene)	NELAP	PA	04/07/2005
EPA 8260	B, C, D	1,4-Dioxane (1,4-Diethyleneoxide)	NELAP	PA	08/24/2005
EPA 8260	B, C, D	2,2,4-Trimethylpentane (Iso-octane)	NELAP	PA	12/05/2007
EPA 8260	B, C, D	2,2-Dichloropropane	NELAP	PA	08/26/2006
EPA 8260	B, C, D	2-Butanone (Methyl ethyl ketone, MEK)	NELAP	PA	08/24/2005
EPA 8260	B, C, D	2-Chloroethyl vinyl ether	NELAP	PA	04/07/2005
EPA 8260	B, C, D	2-Chlorotoluene	NELAP	PA	04/07/2005
EPA 8260	B, C, D	2-Hexanone	NELAP	PA	08/24/2005
EPA 8260	B, C, D	4-Chlorotoluene	NELAP	PA	04/07/2005
EPA 8260	B, C, D	4-Methyl-2-pentanone (MIBK)	NELAP	PA	08/26/2006
EPA 8260	B, C, D	Acetone	NELAP	PA	04/07/2005

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301 Alpha Drive
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DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Solid and Chemical Materials

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 8260	B, C, D	Acetonitrile	NELAP	PA	04/07/2005
EPA 8260	B, C, D	Acrolein (Propenal)	NELAP	PA	04/07/2005
EPA 8260	B, C, D	Acrylonitrile	NELAP	PA	04/07/2005
EPA 8260	B, C, D	Allyl chloride (3-Chloropropene)	NELAP	PA	08/26/2006
EPA 8260	B, C, D	Benzene	NELAP	PA	04/07/2005
EPA 8260	B, C, D	Benzyl chloride	NELAP	PA	08/26/2006
EPA 8260	B, C, D	Bromobenzene	NELAP	PA	04/07/2005
EPA 8260	B, C, D	Bromochloromethane	NELAP	PA	08/24/2005
EPA 8260	B, C, D	Bromodichloromethane	NELAP	PA	04/07/2005
EPA 8260	B, C, D	Bromoform	NELAP	PA	04/07/2005
EPA 8260	B, C, D	Carbon disulfide	NELAP	PA	08/24/2005
EPA 8260	B, C, D	Carbon tetrachloride	NELAP	PA	04/07/2005
EPA 8260	B, C, D	Chlorobenzene	NELAP	PA	04/07/2005
EPA 8260	B, C, D	Chloroethane	NELAP	PA	04/07/2005
EPA 8260	B, C, D	Chloroform	NELAP	PA	04/07/2005
EPA 8260	B, C, D	Chloroprene (2-Chloro-1,3-butadiene)	NELAP	PA	08/26/2006
EPA 8260	B, C, D	Cyclohexane	NELAP	PA	04/18/2006
EPA 8260	B, C, D	Dibromochloromethane	NELAP	PA	04/07/2005
EPA 8260	B, C, D	Dibromomethane	NELAP	PA	08/24/2005
EPA 8260	B, C, D	Dichlorodifluoromethane (Freon 12)	NELAP	PA	04/07/2005
EPA 8260	B, C, D	Dichlorofluoromethane (Freon 21)	NELAP	PA	12/30/2019
EPA 8260	B, C, D	Diethyl ether (Ethyl ether)	NELAP	PA	08/26/2006
EPA 8260	B, C, D	Ethyl methacrylate	NELAP	PA	08/24/2005
EPA 8260	B, C, D	Ethylbenzene	NELAP	PA	04/07/2005
EPA 8260	B, C, D	Heptane	NELAP	PA	04/18/2006
EPA 8260	B, C, D	Hexachlorobutadiene (1,3-Hexachlorobutadiene)	NELAP	PA	08/24/2005
EPA 8260	B, C, D	Iodomethane (Methyl iodide)	NELAP	PA	08/26/2006
EPA 8260	B, C, D	Isobutyl alcohol (2-Methyl-1-propanol)	NELAP	PA	08/26/2006
EPA 8260	B, C, D	Isopropyl alcohol (2-Propanol)	NELAP	PA	08/26/2006
EPA 8260	B, C, D	Isopropylbenzene (Cumene)	NELAP	PA	04/07/2005
EPA 8260	B, C, D	Methacrylonitrile	NELAP	PA	08/26/2006
EPA 8260	B, C, D	Methyl acetate	NELAP	PA	04/18/2006
EPA 8260	B, C, D	Methyl bromide (Bromomethane)	NELAP	PA	04/07/2005
EPA 8260	B, C, D	Methyl chloride (Chloromethane)	NELAP	PA	04/07/2005
EPA 8260	B, C, D	Methyl tert-butyl ether (MTBE)	NELAP	PA	04/07/2005
EPA 8260	B, C, D	Methylcyclohexane	NELAP	PA	04/18/2006
EPA 8260	B, C, D	Methylene chloride (Dichloromethane)	NELAP	PA	04/07/2005
EPA 8260	B, C, D	Methylmethacrylate	NELAP	PA	08/24/2005
EPA 8260	B, C, D	Naphthalene	NELAP	PA	04/07/2005
EPA 8260	B, C, D	Propionitrile (Ethyl cyanide)	NELAP	PA	08/24/2005
EPA 8260	B, C, D	Styrene	NELAP	PA	04/07/2005
EPA 8260	B, C, D	Tetrachloroethene (PCE, Perchloroethylene)	NELAP	PA	04/07/2005

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Eurofins TestAmerica Laboratories Pittsburgh
301 Alpha Drive
Pittsburgh, PA 15238
(412) 963-7058

DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Solid and Chemical Materials

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 8260	B, C, D	Tetrahydrofuran (THF)	NELAP	PA	04/22/2010
EPA 8260	B, C, D	Toluene	NELAP	PA	04/07/2005
EPA 8260	B, C, D	Trichloroethene (TCE, Trichloroethylene)	NELAP	PA	04/07/2005
EPA 8260	B, C, D	Trichlorofluoromethane (Freon 11)	NELAP	PA	04/07/2005
EPA 8260	B, C, D	Vinyl acetate	NELAP	PA	04/07/2005
EPA 8260	B, C, D	Vinyl chloride (Chloroethene)	NELAP	PA	04/07/2005
EPA 8260	B, C, D	Xylenes, total	NELAP	PA	04/07/2005
EPA 8260	B, C, D	cis-1,2-Dichloroethene	NELAP	PA	04/07/2005
EPA 8260	B, C, D	cis-1,3-Dichloropropene	NELAP	PA	04/07/2005
EPA 8260	B, C, D	m+p-Xylene	NELAP	PA	08/26/2006
EPA 8260	B, C, D	m-Xylene	NELAP	PA	04/09/2009
EPA 8260	B, C, D	n-Butylbenzene	NELAP	PA	04/07/2005
EPA 8260	B, C, D	n-Hexane	NELAP	PA	12/05/2007
EPA 8260	B, C, D	n-Propylbenzene	NELAP	PA	04/07/2005
EPA 8260	B, C, D	o-Xylene	NELAP	PA	08/26/2006
EPA 8260	B, C, D	p-Isopropyltoluene (4-Isopropyltoluene)	NELAP	PA	08/26/2006
EPA 8260	B, C, D	p-Xylene	NELAP	PA	04/09/2009
EPA 8260	B, C, D	sec-Butylbenzene	NELAP	PA	04/07/2005
EPA 8260	B, C, D	tert-Butyl alcohol (2-Methyl-2-propanol)	NELAP	PA	04/08/2008
EPA 8260	B, C, D	tert-Butylbenzene	NELAP	PA	04/07/2005
EPA 8260	B, C, D	trans-1,2-Dichloroethene	NELAP	PA	04/07/2005
EPA 8260	B, C, D	trans-1,3-Dichloropropene	NELAP	PA	04/07/2005
EPA 8260	B, C, D	trans-1,4-Dichloro-2-butene	NELAP	PA	04/07/2005
EPA 8270	C	SOCs by GC/MS	NELAP	PA	04/08/2009
EPA 8270	D	SOCs by GC/MS	NELAP	PA	04/09/2009
EPA 8270	E	SOCs by GC/MS	NELAP	PA	06/05/2019
EPA 8270	C, D, E	1,1'-Biphenyl (Biphenyl, Lemonene)	NELAP	PA	04/18/2006
EPA 8270	C, D, E	1,2,4,5-Tetrachlorobenzene	NELAP	PA	04/07/2005
EPA 8270	C, D, E	1,2,4-Trichlorobenzene	NELAP	PA	04/07/2005
EPA 8270	C, D, E	1,2-Dichlorobenzene (o-Dichlorobenzene)	NELAP	PA	04/07/2005
EPA 8270	C, D, E	1,2-Diphenylhydrazine	NELAP	PA	04/18/2006
EPA 8270	C, D, E	1,3,5-Trinitrobenzene (1,3,5-TNB)	NELAP	PA	08/26/2006
EPA 8270	C, D, E	1,3-Dichlorobenzene (m-Dichlorobenzene)	NELAP	PA	04/07/2005
EPA 8270	C, D, E	1,3-Dinitrobenzene (1,3-DNB)	NELAP	PA	08/26/2006
EPA 8270	C, D, E	1,4-Dichlorobenzene (p-Dichlorobenzene)	NELAP	PA	04/07/2005
EPA 8270	C, D, E	1,4-Dioxane (1,4-Diethyleneoxide)	NELAP	PA	08/24/2005
EPA 8270	C, D, E	1,4-Naphthoquinone	NELAP	PA	08/26/2006
EPA 8270	C, D, E	1,4-Phenylenediamine	NELAP	PA	12/05/2007
EPA 8270	C, D, E	1-Chloronaphthalene	NELAP	PA	08/26/2006
EPA 8270	C, D, E	1-Methylnaphthalene	NELAP	PA	04/09/2009
EPA 8270	C, D, E	1-Naphthylamine (alpha-Naphthylamine)	NELAP	PA	08/26/2006

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Eurofins TestAmerica Laboratories Pittsburgh
301 Alpha Drive
Pittsburgh, PA 15238
(412) 963-7058

DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Solid and Chemical Materials

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 8270	C, D, E	2,2'-Oxybis(1-chloropropane) (bis(2-Chloro-1-methylethyl) ether)	NELAP	PA	04/18/2006
EPA 8270	C, D, E	2,2'-oxybis(1-Chloropropane)	NELAP	PA	04/07/2005
EPA 8270	C, D, E	2,3,4,6-Tetrachlorophenol	NELAP	PA	08/24/2005
EPA 8270	C, D, E	2,3,5,6-Tetrachlorophenol	NELAP	PA	08/26/2006
EPA 8270	C, D, E	2,3,7,8-TCDD (Dioxin) (screen)	NELAP	PA	08/26/2006
EPA 8270	C, D, E	2,4,5-Trichlorophenol	NELAP	PA	04/07/2005
EPA 8270	C, D, E	2,4,6-Trichlorophenol	NELAP	PA	04/07/2005
EPA 8270	C, D, E	2,4-Dichlorophenol	NELAP	PA	04/07/2005
EPA 8270	C, D, E	2,4-Dimethylphenol	NELAP	PA	04/07/2005
EPA 8270	C, D, E	2,4-Dinitrophenol	NELAP	PA	04/07/2005
EPA 8270	C, D, E	2,4-Dinitrotoluene (2,4-DNT)	NELAP	PA	04/07/2005
EPA 8270	C, D, E	2,6-Dichlorophenol	NELAP	PA	08/24/2005
EPA 8270	C, D, E	2,6-Dinitrotoluene (2,6-DNT)	NELAP	PA	04/07/2005
EPA 8270	C, D, E	2-Acetylaminofluorene	NELAP	PA	08/26/2006
EPA 8270	C, D, E	2-Chloronaphthalene	NELAP	PA	10/13/2010
EPA 8270	C, D, E	2-Chlorophenol	NELAP	PA	04/07/2005
EPA 8270	C, D, E	2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)	NELAP	PA	04/07/2005
EPA 8270	C, D, E	2-Methylnaphthalene	NELAP	PA	04/07/2005
EPA 8270	C, D, E	2-Methylphenol (o-Cresol)	NELAP	PA	04/07/2005
EPA 8270	C, D, E	2-Naphthylamine (beta-Naphthylamine)	NELAP	PA	08/26/2006
EPA 8270	C, D, E	2-Nitroaniline	NELAP	PA	04/07/2005
EPA 8270	C, D, E	2-Nitrophenol	NELAP	PA	04/07/2005
EPA 8270	C, D, E	2-Picoline (2-Methylpyridine)	NELAP	PA	04/18/2006
EPA 8270	C, D, E	3+4-Methylphenol (m+p-Cresol)	NELAP	PA	04/07/2005
EPA 8270	C, D, E	3,3'-Dichlorobenzidine	NELAP	PA	04/07/2005
EPA 8270	C, D, E	3,3'-Dimethylbenzidine	NELAP	PA	08/24/2005
EPA 8270	C, D, E	3-Methylcholanthrene	NELAP	PA	08/26/2006
EPA 8270	C, D, E	3-Nitroaniline	NELAP	PA	04/07/2005
EPA 8270	C, D, E	4,4'-Methylenebis(2-chloroaniline)	NELAP	PA	08/24/2005
EPA 8270	C, D, E	4-Aminobiphenyl	NELAP	PA	08/26/2006
EPA 8270	C, D, E	4-Bromopheny phenyl ether	NELAP	PA	04/07/2005
EPA 8270	C, D, E	4-Chloro-3-methylphenol	NELAP	PA	04/07/2005
EPA 8270	C, D, E	4-Chloroaniline	NELAP	PA	04/07/2005
EPA 8270	C, D, E	4-Chlorophenol	NELAP	PA	08/26/2006
EPA 8270	C, D, E	4-Chloropheny phenyl ether	NELAP	PA	04/07/2005
EPA 8270	C, D, E	4-Dimethylaminoazobenzene (Dimethylaminoazobenzene)	NELAP	PA	08/26/2006
EPA 8270	C, D, E	4-Nitroaniline	NELAP	PA	04/07/2005
EPA 8270	C, D, E	4-Nitrophenol	NELAP	PA	04/07/2005
EPA 8270	C, D, E	4-Nitroquinoline-1-oxide	NELAP	PA	08/26/2006
EPA 8270	C, D, E	5-Nitro-o-toluidine	NELAP	PA	08/26/2006

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301 Alpha Drive
Pittsburgh, PA 15238
(412) 963-7058

DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Solid and Chemical Materials

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 8270	C, D, E	6-Methylchrysene	NELAP	PA	12/05/2007
EPA 8270	C, D, E	7,12-Dimethylbenz(a)anthracene	NELAP	PA	08/26/2006
EPA 8270	C, D, E	Acenaphthene	NELAP	PA	04/07/2005
EPA 8270	C, D, E	Acenaphthylene	NELAP	PA	04/07/2005
EPA 8270	C, D, E	Acetophenone	NELAP	PA	08/26/2006
EPA 8270	C, D, E	Aniline	NELAP	PA	04/07/2005
EPA 8270	C, D, E	Anthracene	NELAP	PA	04/07/2005
EPA 8270	C, D, E	Aramite	NELAP	PA	08/24/2005
EPA 8270	C, D, E	Atrazine	NELAP	PA	04/18/2006
EPA 8270	C, D, E	Benzaldehyde	NELAP	PA	08/26/2006
EPA 8270	C, D, E	Benzidine	NELAP	PA	04/07/2005
EPA 8270	C, D, E	Benzo[a]anthracene	NELAP	PA	04/07/2005
EPA 8270	C, D, E	Benzo[a]pyrene	NELAP	PA	04/07/2005
EPA 8270	C, D, E	Benzo[b]fluoranthene	NELAP	PA	04/07/2005
EPA 8270	C, D, E	Benzo[ghi]perylene	NELAP	PA	04/07/2005
EPA 8270	C, D, E	Benzo[k]fluoranthene	NELAP	PA	04/07/2005
EPA 8270	C, D, E	Benzoic acid	NELAP	PA	04/07/2005
EPA 8270	C, D, E	Benzyl alcohol	NELAP	PA	08/24/2005
EPA 8270	C, D, E	Butyl benzyl phthalate (Benzyl butyl phthalate)	NELAP	PA	04/07/2005
EPA 8270	C, D, E	Caprolactam	NELAP	PA	04/18/2006
EPA 8270	C, D, E	Carbazole	NELAP	PA	04/07/2005
EPA 8270	C, D, E	Chlorobenzilate	NELAP	PA	08/24/2005
EPA 8270	C, D, E	Chrysene (Benzo[a]phenanthrene)	NELAP	PA	04/07/2005
EPA 8270	C, D, E	Cresols (total)	NELAP	PA	04/18/2006
EPA 8270	C, D, E	Di-n-butyl phthalate	NELAP	PA	04/07/2005
EPA 8270	C, D, E	Di-n-octyl phthalate	NELAP	PA	04/07/2005
EPA 8270	C, D, E	Diallate (cis or trans)	NELAP	PA	04/18/2006
EPA 8270	C, D, E	Dibenz[a,h]acridine	NELAP	PA	12/05/2007
EPA 8270	C, D, E	Dibenzo[a,h]anthracene	NELAP	PA	04/07/2005
EPA 8270	C, D, E	Dibenzofuran	NELAP	PA	04/07/2005
EPA 8270	C, D, E	Diethyl phthalate	NELAP	PA	04/07/2005
EPA 8270	C, D, E	Dimethoate	NELAP	PA	08/26/2006
EPA 8270	C, D, E	Dimethyl phthalate	NELAP	PA	04/07/2005
EPA 8270	C, D, E	Dinoseb (2-sec-Butyl-4,6-dinitrophenol, DNBP)	NELAP	PA	08/26/2006
EPA 8270	C, D, E	Disulfoton	NELAP	PA	08/26/2006
EPA 8270	C, D, E	Ethyl methanesulfonate	NELAP	PA	08/26/2006
EPA 8270	C, D, E	Famphur	NELAP	PA	08/26/2006
EPA 8270	C, D, E	Fluoranthene	NELAP	PA	04/07/2005
EPA 8270	C, D, E	Fluorene	NELAP	PA	04/07/2005
EPA 8270	C, D, E	Hexachlorobenzene	NELAP	PA	04/07/2005
EPA 8270	C, D, E	Hexachlorobutadiene (1,3-Hexachlorobutadiene)	NELAP	PA	04/07/2005
EPA 8270	C, D, E	Hexachlorocyclopentadiene	NELAP	PA	04/07/2005

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Eurofins TestAmerica Laboratories Pittsburgh
301 Alpha Drive
Pittsburgh, PA 15238
(412) 963-7058

DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Solid and Chemical Materials

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 8270	C, D, E	Hexachloroethane	NELAP	PA	04/07/2005
EPA 8270	C, D, E	Hexachloropropene	NELAP	PA	08/24/2005
EPA 8270	C, D, E	Indene	NELAP	PA	04/09/2009
EPA 8270	C, D, E	Indeno(1,2,3-cd)pyrene	NELAP	PA	04/07/2005
EPA 8270	C, D, E	Isodrin	NELAP	PA	08/26/2006
EPA 8270	C, D, E	Isophorone	NELAP	PA	04/07/2005
EPA 8270	C, D, E	Isosafrole	NELAP	PA	08/26/2006
EPA 8270	C, D, E	Kepone	NELAP	PA	04/18/2006
EPA 8270	C, D, E	Methapyrilene	NELAP	PA	12/05/2007
EPA 8270	C, D, E	Methyl methanesulfonate	NELAP	PA	08/26/2006
EPA 8270	C, D, E	Methyl parathion (Parathion, methyl)	NELAP	PA	08/24/2005
EPA 8270	C, D, E	N-Nitrosodi-n-butylamine	NELAP	PA	08/24/2005
EPA 8270	C, D, E	N-Nitrosodi-n-propylamine	NELAP	PA	04/07/2005
EPA 8270	C, D, E	N-Nitrosodiethylamine	NELAP	PA	04/07/2005
EPA 8270	C, D, E	N-Nitrosodimethylamine	NELAP	PA	04/07/2005
EPA 8270	C, D, E	N-Nitrosodiphenylamine	NELAP	PA	04/07/2005
EPA 8270	C, D, E	N-Nitrosomethylethylamine	NELAP	PA	08/24/2005
EPA 8270	C, D, E	N-Nitrosomorpholine	NELAP	PA	08/26/2006
EPA 8270	C, D, E	N-Nitrosopiperidine	NELAP	PA	08/26/2006
EPA 8270	C, D, E	N-Nitrosopyrrolidine	NELAP	PA	04/07/2005
EPA 8270	C, D, E	Naphthalene	NELAP	PA	04/07/2005
EPA 8270	C, D, E	Nitrobenzene	NELAP	PA	04/07/2005
EPA 8270	C, D, E	O,O,O-Triethyl phosphorothioate	NELAP	PA	08/26/2006
EPA 8270	C, D, E	Parathion, ethyl (Ethyl parathion, Parathion)	NELAP	PA	08/24/2005
EPA 8270	C, D, E	Pentachlorobenzene	NELAP	PA	08/24/2005
EPA 8270	C, D, E	Pentachloroethane	NELAP	PA	08/26/2006
EPA 8270	C, D, E	Pentachloronitrobenzene (PCNB)	NELAP	PA	08/24/2005
EPA 8270	C, D, E	Pentachlorophenol (PCP)	NELAP	PA	04/07/2005
EPA 8270	C, D, E	Phenacetin	NELAP	PA	08/26/2006
EPA 8270	C, D, E	Phenanthrene	NELAP	PA	04/07/2005
EPA 8270	C, D, E	Phenol	NELAP	PA	04/07/2005
EPA 8270	C, D, E	Phorate (Thimet)	NELAP	PA	08/26/2006
EPA 8270	C, D, E	Pronamide (Kerb)	NELAP	PA	08/24/2005
EPA 8270	C, D, E	Pyrene	NELAP	PA	04/07/2005
EPA 8270	C, D, E	Pyridine	NELAP	PA	04/18/2006
EPA 8270	C, D, E	Safrole	NELAP	PA	08/26/2006
EPA 8270	C, D, E	Sulfotepp (Tetraethyl dithiopyrophosphate)	NELAP	PA	08/26/2006
EPA 8270	C, D, E	Thionazine (Thionazin, Zinphos)	NELAP	PA	08/26/2006
EPA 8270	C, D, E	bis(2-Chloroethoxy)methane	NELAP	PA	04/07/2005
EPA 8270	C, D, E	bis(2-Chloroethyl) ether	NELAP	PA	04/07/2005
EPA 8270	C, D, E	bis(2-Ethylhexyl) phthalate (DEHP)	NELAP	PA	04/07/2005
EPA 8270	C, D, E	n-Octadecane	NELAP	PA	04/09/2009

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DEP Laboratory ID: 02-00416
EPA Lab Code: PA00164
TNI Code: TNI02151
PADWIS ID: 02416

Matrix: Solid and Chemical Materials

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 8270	C, D, E	o-Toluidine (2-Toluidine, 2-Methylaniline)	NELAP	PA	08/24/2005
EPA 8270	C, D, E	p-(Dimethylamino)azobenzene	NELAP	PA	04/09/2009
EPA 8270	C, D, E	p-Phenylenediamine	NELAP	PA	04/09/2009
EPA 9010	C	Total cyanide	NELAP	PA	03/04/2013
EPA 9013	A	Cyanide extraction for solids and oils	NELAP	PA	04/22/2010
EPA 9013		Cyanide extraction for solids and oils	NELAP	PA	12/05/2007
EPA 9014		Total cyanide	NELAP	PA	12/14/2012
EPA 9030	B	Sulfide	NELAP	PA	04/07/2005
EPA 9034		Sulfide	NELAP	PA	04/07/2005
EPA 9040	B	pH	NELAP	PA	04/07/2005
EPA 9040	C	pH	NELAP	PA	04/09/2009
EPA 9045	C	pH	NELAP	PA	04/07/2005
EPA 9045	D	pH	NELAP	PA	04/09/2009
EPA 9056	A	Anions by IC	NELAP	PA	04/09/2009
EPA 9056	A	Bromide	NELAP	PA	08/26/2006
EPA 9056	A	Chloride	NELAP	PA	04/07/2005
EPA 9056	A	Fluoride	NELAP	PA	04/07/2005
EPA 9056	A	Nitrate as N	NELAP	PA	04/07/2005
EPA 9056	A	Nitrite as N	NELAP	PA	04/07/2005
EPA 9056	A	Orthophosphate as P	NELAP	PA	01/26/2009
EPA 9056	A	Sulfate	NELAP	PA	04/07/2005
EPA 9065		Total phenolics	NELAP	PA	12/05/2007
EPA 9071	B	Oil and grease	NELAP	PA	04/09/2009
EPA 9095	B	Paint filter liquids test	NELAP	PA	04/09/2009
EPA Lloyd Kahn Method		Total organic carbon (TOC)	NELAP	PA	09/27/2007
OIA 1677-09		Available cyanide	NELAP	PA	04/18/2006
SM 2520 B		Salinity	NELAP	PA	04/08/2008
SM 2540 B		Residue, total	NELAP	PA	04/08/2008
SM 2540 G		Percent moisture in soil	NELAP	PA	04/13/2009
SM 2540 G		Residue, total	NELAP	PA	12/05/2007
SM 2540 G		Total, fixed, and volatile residue	NELAP	PA	05/31/2018
SOP (00416) OP-011		Percent lipids	NELAP	PA	04/13/2009
SOP (00416) WC-033		Water leach	NELAP	PA	09/05/2012
Walkley Black		Total organic carbon (TOC)	NELAP	PA	04/08/2008

Annamarie Beach

The Pennsylvania Department of Environmental Protection Laboratory Accreditation Program is a NELAP recognized Accreditation Body. Customers are urged to verify the laboratory's current accreditation standing.



04/01/2021

Deborah Lowe
Eurofins TestAmerica Laboratories Pittsburgh
301 Alpha Drive
Pittsburgh, PA 15238

Re: Certificate of Accreditation
DEP Lab ID No. 02-00416

Dear Laboratory Supervisor:

Enclosed is your new Certificate of Accreditation to operate as a Pennsylvania Accredited Laboratory. This Certificate of Accreditation expires **04/30/2022** unless suspended or revoked earlier. As a laboratory accredited in accordance with the Environmental Laboratory Accreditation Act of June 29, 2002 (P.L. 596, No 90) (27 Pa C.S. §§ 4101 – 4113) and The Environmental Laboratory Accreditation Regulations of 25 Pa. Code Chapter 252 you are responsible for continual compliance with the accreditation Act and regulations promulgated thereunder. Failure to comply with all applicable Federal and Departmental laws and regulations may result in suspension or revocation of your laboratory's accreditation.

Your DEP laboratory identification number is **02-00416**. Please use this number on all correspondence with the PA Department of Environmental Protection (Department).

Your laboratory is accredited to perform only the analyses by the methods listed on the Scope of Accreditation that accompanies the Certificate of Accreditation. The Certificate of Accreditation remains the property of the Department and must be displayed in the laboratory.

Please note this certification must be renewed annually. Renewal applications must be submitted to the Department *no later than 60 days prior to the expiration of the certification*. Failure to submit a renewal application within this time period may result in a lapse of the laboratory's accreditation. Should this occur, the laboratory may not conduct any further analyses for which accreditation is required and, if the laboratory is accredited to perform analyses on drinking water, the laboratory must notify the public water suppliers served by the laboratory of the laboratory's failure to renew its certificate of accreditation. Copies of the renewal application may be found on the Department's web site (www.depweb.state.pa.us/labs).

If you have any questions concerning your certificate, you may contact your laboratory's accreditation officer Virginia Hunsberger at 717-346-8211 or vhunsberge@pa.gov.

Sincerely,

A handwritten signature in cursive script that reads "Annmarie Beach".

Annmarie Beach, Chief
Laboratory Accreditation Program

Enclosures

APPENDIX B

Data Validation Summaries
February 2022

Quality Control Review of Analytical Data- Plant Scherer Cell 1 and PAC Ash Cell Submitted by Eurofins TestAmerica February - May 2022

This narrative presents results of the quality control (QC) data review performed on analytical data submitted by Eurofins TestAmerica, Inc. for groundwater samples collected at Plant Scherer CCR Plant Scherer Cell 1 and PAC Ash Cell between February 15, 2022 and May 12, 2022. 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 constituents listed in 40 CFR, Part 257, Appendix III and for applicable state and federal monitoring parameters pursuant to the sites 2010 D&O Plan. Additional analysis included cations and anions (potassium, magnesium, and sodium) and alkalinity (total, carbonate and bicarbonate). 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), and Alkalinity by Titration through Standard Method 2320B (SM2320B).

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), and the National Functional Guidelines for Inorganic Superfund Methods Data Review (November 2020). 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 blank contamination (including field and laboratory blanks). Additionally, sample procedures, holding times and chains-of-custody were reviewed. Where 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.
Field Precision:	Field goals for precision were met with the exception of total dissolved solids (TDS), as described in the qualification section below.
Accuracy:	Laboratory goals for accuracy were met with the exception of sulfate and fluoride, as described in the qualification section below.
Sensitivity:	Project goals for detection limits were met. 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: There were no rejected analytical results for this event, resulting in a completion of 100%.

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 high levels of imprecision or inaccuracy, or on the basis of professional judgment. The following definitions provide brief explanations of the qualifiers which may have been assigned to data by the laboratory.

- 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.
- U** The analyte was not detected above the method detection limit.

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) 180-133780-1, 180-133869-1, 180-133982-1, 180-133985-1, and 180-138181-1, qualifications may not have been required or applied to all samples collected. A summary of sample qualifications can be found in Table 2.

- Certain sulfate and fluoride results from SDGs 180-133869-1 and 180-138181-1 were qualified as estimated, biased low when the MS and/or MSD recovered below laboratory criteria.
- The TDS result in sample GWC-50, from SDG 180-133780-1, exceeded the relative percent difference (RPD) between the parent and duplicate sample. Detected results were qualified as estimated (J).
- Certain nickel, fluoride, and chloride results from SDGs 180-133869-1 and 180-133780-1, 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 new results. If the original sample results were greater than the RL, the original results were reported as the new RL and were U qualified.

Golder reviewed the data from samples collected at Plant Scherer CCR Cell 1 and PAC Ash between February 15, 2022 and May 12, 2022 in accordance with the analytical methods, the laboratory specific QC criteria, and the guidelines. As described above, 100% of the results were acceptable for project use. The data are considered usable for meeting project objectives and the results are considered valid.

REFERENCE

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

SDGs	Field Identification	Collection Date	Lab Identification	Matrix	QC Samples	Analyses								
						Field pH	Total Metals (SW 6020B)	Mercury (EPA 7470A)	Anions (EPA 300.0)	Total Dissolved Solids (SW 2540C)	Alkalinity (SM 2320B)	COD (410.4)	TOC (SM 5310C)	Cyanide (SM 4500 CN)
180-133869-1	GWC-1	2/15/2022	180-133869-1	GW	-	X	X	X	X	X	X	-	-	-
180-133869-1	GWC-2	2/15/2022	180-133869-2	GW	-	X	X	X	X	X	X	-	-	-
180-133869-1	GWC-3	2/15/2022	180-133869-3	GW	-	X	X	X	X	X	X	-	-	-
180-133869-1	GWC-4	2/15/2022	180-133869-4	GW	-	X	X	X	X	X	X	-	-	-
180-133869-1	GWC-5	2/15/2022	180-133869-5	GW	-	X	X	X	X	X	X	-	-	-
180-133869-1	GWC-6	2/15/2022	180-133869-6	GW	-	X	X	X	X	X	X	-	-	-
180-133869-1	GWC-7	2/15/2022	180-133869-7	GW	-	X	X	X	X	X	X	-	-	-
180-133869-1	GWC-8A	2/15/2022	180-133869-8	GW	-	X	X	X	X	X	X	-	-	-
180-133869-1	GWC-9	2/15/2022	180-133869-9	GW	-	X	X	X	X	X	X	-	-	-
180-133869-1	GWC-10	2/15/2022	180-133869-10	GW	-	X	X	X	X	X	X	-	-	-
180-133869-1	GWA-15	2/15/2022	180-133869-11	GW	-	X	X	X	X	X	X	-	-	-
180-133869-1	GWA-16	2/15/2022	180-133869-12	GW	-	X	X	X	X	X	X	-	-	-
180-133869-1	GWA-17	2/15/2022	180-133869-13	GW	-	X	X	X	X	X	X	-	-	-
180-133869-1	FB-6	2/15/2022	180-133869-14	WQ	FB (GWA-15)	-	X	X	X	X	X	-	-	-
180-133869-1	FB-7	2/15/2022	180-133869-15	WQ	FB (GWA-17)	-	X	X	X	X	X	-	-	-
180-133869-1	EB-6	2/15/2022	180-133869-16	WQ	EB (GWC-4)	-	X	X	X	X	X	-	-	-
180-133869-1	EB-7	2/15/2022	180-133869-17	WQ	EB (GWC-10)	-	X	X	X	X	X	-	-	-
180-133869-1	DUP-6	2/15/2022	180-133869-18	GW	FD (GWC-8A)	-	X	X	X	X	X	-	-	-
180-133869-1	GWC-11	2/16/2022	180-133984-1	GW	-	X	X	X	X	X	X	-	-	-
180-133869-1	GWC-12	2/16/2022	180-133984-2	GW	-	X	X	X	X	X	X	-	-	-
180-133869-1	GWC-13	2/16/2022	180-133984-3	GW	-	X	X	X	X	X	X	-	-	-
180-133869-1	GWC-14	2/16/2022	180-133984-4	GW	-	X	X	X	X	X	X	-	-	-
180-133869-1	GWC-18	2/16/2022	180-133984-5	GW	-	X	X	X	X	X	X	-	-	-
180-133869-1	GWC-19	2/16/2022	180-133984-6	GW	-	X	X	X	X	X	X	-	-	-
180-133869-1	GWC-20	2/16/2022	180-133984-7	GW	-	X	X	X	X	X	X	-	-	-
180-133869-1	DUP-7	2/16/2022	180-133984-8	GW	FD (GWC-19)	-	X	X	X	X	X	-	-	-
180-138181-1	GWC-1	5/12/2022	180-138181-1	WG	-	X	-	-	X	-	-	-	-	-
180-138181-1	GWC-4	5/12/2022	180-138181-2	WG	-	X	X	-	X	-	-	-	-	-
180-138181-1	GWC-5	5/12/2022	180-138181-3	WG	-	X	-	-	X	-	-	-	-	-
180-138181-1	GWC-10	5/12/2022	180-138181-4	WG	-	X	-	-	X	-	-	-	-	-
180-138181-1	FB-1	5/12/2022	180-138181-5	WQ	FB (GWC-1)	-	X	-	X	-	-	-	-	-
180-138181-1	EB-1	5/12/2022	180-138181-6	WQ	EB (GWC-10)	-	X	-	X	-	-	-	-	-
180-138181-1	DUP-1	5/12/2022	180-138181-7	WG	FD (GWC-4)	-	X	-	X	-	-	-	-	-
180-133780-1	GWA-21	2/14/2022	180-133780-1	WG	-	X	X	X	X	X	X	-	-	-
180-133780-1	GWC-29	2/14/2022	180-133780-2	WG	-	X	X	X	X	X	X	-	-	-
180-133780-1	GWA-45	2/14/2022	180-133780-3	WG	-	X	X	X	X	X	X	-	-	-
180-133780-1	GWA-46	2/14/2022	180-133780-4	WG	-	X	X	X	X	X	X	-	-	-
180-133780-1	GWA-47	2/14/2022	180-133780-5	WG	-	X	X	X	X	X	X	-	-	-
180-133780-1	GWA-48	2/14/2022	180-133780-6	WG	-	X	X	X	X	X	X	-	-	-
180-133780-1	GWA-49	2/14/2022	180-133780-7	WG	-	X	X	X	X	X	X	-	-	-
180-133780-1	GWC-50	2/14/2022	180-133780-8	WG	-	X	X	X	X	X	X	-	-	-
180-133780-1	GWC-52	2/14/2022	180-133780-9	WG	-	X	X	X	X	X	X	-	-	-
180-133780-1	GWC-53	2/14/2022	180-133780-10	WG	-	X	X	X	X	X	X	-	-	-
180-133780-1	FB-4	2/14/2022	180-133780-11	WQ	FB (GWA-45)	-	X	X	X	X	X	-	-	-
180-133780-1	FB-5	2/14/2022	180-133780-12	WQ	FB (GWA-46)	-	X	X	X	X	X	-	-	-
180-133780-1	EB-5	2/14/2022	180-133780-13	WQ	EB (GWA-47)	-	X	X	X	X	X	-	-	-
180-133780-1	EB-4	2/14/2022	180-133780-14	WQ	EB (GWA-48)	-	X	X	X	X	X	-	-	-
180-133780-1	DUP-4	2/14/2022	180-133780-15	WG	FD (GWC-50)	-	X	X	X	X	X	-	-	-
180-133780-1	DUP-5	2/14/2022	180-133780-16	WG	FD (GWC-53)	-	X	X	X	X	X	-	-	-
180-133780-1	GWA-22	2/15/2022	180-133870-1	WG	-	X	X	X	X	X	X	-	-	-
180-133780-1	GWC-51	2/15/2022	180-133870-2	WG	-	X	X	X	X	X	X	-	-	-
180-133985-1	Effluent	2/16/2022	180-133985-1	WWW	-	-	X	X	-	-	-	-	-	-
180-133982-1	SWA-1	2/16/2022	180-133982-1	SW	-	X	X	X	X	X	X	X	X	X
180-133982-1	SWA-2	2/16/2022	180-133982-2	SW	-	X	X	X	X	X	X	X	X	X
180-133982-1	SWA-3	2/16/2022	180-133982-3	SW	-	X	X	X	X	X	X	X	X	X
180-133982-1	SWC-4	2/16/2022	180-133982-4	SW	-	X	X	X	X	X	X	-	-	-
180-133982-1	SWC-5	2/16/2022	180-133982-5	SW	-	X	X	X	X	X	X	-	-	-
180-133982-1	SWC-6	2/16/2022	180-133982-6	SW	-	X	X	X	X	X	X	-	-	-
180-133982-1	SWC-7	2/16/2022	180-133982-7	SW	-	X	X	X	X	X	X	X	X	X
180-133982-1	SWC-8	2/16/2022	180-133982-8	SW	-	X	X	X	X	X	X	-	-	-
180-133982-1	SWC-9	2/16/2022	180-133982-9	SW	-	X	X	X	X	X	X	-	-	-

Abbreviations:

SDG- Sample Delivery Group; SW - Solid Waste
 QC - Quality Control; EPA - Environmental Protection Agency
 GW - Groundwater; FB - Field Blank
 WQ - Water quality control; EB - Equipment Blank
 FD - Field Duplicate

TABLE 2
Qualifier Summary Table
SCS Plant Scherer

SDG	Sample Name	Constituent	New Result	New RL or MDC	Qualifier	Reason
180-133869-1	GWC-10, GWA-15, GWA-45, GWA-46	Fluoride	0.10	-	U	Field blank contamination
180-133869-1	GWC-5	Sulfate	-	-	J-	MS/MSD recovered below QC limits
180-138181-1	GWC-5	Fluoride	-	-	J-	MS/MSD recovered below QC limits
180-133780-1	DUP-4	Nickel	-	0.0029	U	Method blank contamination.
180-133780-1	GWA-48	Fluoride	0.10	-	U	Equipment blank contamination
180-133780-1	GWA-47	Chloride	-	1.5	U	Equipment blank contamination
180-133780-1	GWC-50, DUP-4	TDS	-	-	J	Field duplicate RPD exceedance

Abbreviations:

RL : Reporting limit

MDC : Minimum detectable concentration

SDG : Sample delivery group

MS/MSD : Matrix Spike/Matrix Spike Duplicate

RPD: Relative percent difference

QC: Quality control

Qualifiers:

J: estimated

U: Non-detected

J-: estimated, low bias

APPENDIX C

Well Condition Forms

Groundwater Monitoring Well Integrity Form

Site Name: Plant Scherer

Permit Number:

Well ID: GWC-1

Date: 2/8/22

Yes	No	N/A
-----	----	-----

1) Location/Identification

- | | | | |
|----------|--|---|--|
| A | Is the well visible and accessible? | X | |
| B | Is the well properly identified with correct well ID? | X | |
| C | Is the well in a high traffic area and does the well require protection from traffic? | X | |
| D | Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) | X | |

2) Protective Casing

- | | | | |
|----------|---|---|--|
| A | Is the protective casing free from apparent damage and able to be secured? | X | |
| B | Is the casing free of degradation or deterioration? | X | |
| C | Does the casing have a functioning weep hole? | X | |
| D | Is the annular space between the casings clear of debris and water, or filled with pea gravel/sand? | X | |
| E | Is the well locked and is the lock in good condition? | X | |

3) Surface Pad

- | | | | |
|----------|---|---|--|
| A | Is the well pad in good condition (not cracked/broken)? | X | |
| B | Is the well pad sloped away from the protective casing? | X | |
| C | Is the well pad in complete contact with the ground surface and stable? | X | |
| D | Is the well pad in complete contact with the protective casing? | X | |
| E | Is the pad surface clean (not covered with sediment or debris)? | X | |

4) Internal Casing

- | | | | |
|----------|---|---|--|
| A | Does the cap prevent entry of foreign material into the well? | X | |
| B | Is the casing free of kinks/bends, or any obstructions from foreign objects (such as bailers)? | X | |
| C | Is the well properly vented for equilibration of air pressure? | X | |
| D | Is the survey point clearly marked on the inner casing? | X | |
| E | Is the depth of the well consistent with the original well log? | X | |
| F | Is the casing stable? (Does PVC move easily when touched or can be taken apart by hand due to lack of grout or use of slip couplings in construction) | X | |

5) Sampling: Groundwater Wells Only

- | | | | |
|----------|--|---|--|
| A | Does water recharge adequately when purged? | X | |
| B | If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater monitoring plan for the facility? | X | |
| C | Does the well require redevelopment (low flow/turbidity)? | X | |

6) Based on professional judgement, is the well construction / location appropriate to **1)** achieve the objectives of the Groundwater Monitoring Program and **2)** comply with the applicable regulatory requirements? X

7) Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name: Plant Scherer

Permit Number:

Well ID: GWC-2

Date: 2/8/22

Yes	No	N/A
-----	----	-----

1) Location/Identification

- | | | | |
|----------|--|---|---|
| A | Is the well visible and accessible? | X | |
| B | Is the well properly identified with correct well ID? | X | |
| C | Is the well in a high traffic area and does the well require protection from traffic? | | X |
| D | Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) | X | |

2) Protective Casing

- | | | | |
|----------|---|---|--|
| A | Is the protective casing free from apparent damage and able to be secured? | X | |
| B | Is the casing free of degradation or deterioration? | X | |
| C | Does the casing have a functioning weep hole? | X | |
| D | Is the annular space between the casings clear of debris and water, or filled with pea gravel/sand? | X | |
| E | Is the well locked and is the lock in good condition? | X | |

3) Surface Pad

- | | | | |
|----------|---|---|--|
| A | Is the well pad in good condition (not cracked/broken)? | X | |
| B | Is the well pad sloped away from the protective casing? | X | |
| C | Is the well pad in complete contact with the ground surface and stable? | X | |
| D | Is the well pad in complete contact with the protective casing? | X | |
| E | Is the pad surface clean (not covered with sediment or debris)? | X | |

4) Internal Casing

- | | | | |
|----------|---|---|--|
| A | Does the cap prevent entry of foreign material into the well? | X | |
| B | Is the casing free of kinks/bends, or any obstructions from foreign objects (such as bailers)? | X | |
| C | Is the well properly vented for equilibration of air pressure? | X | |
| D | Is the survey point clearly marked on the inner casing? | X | |
| E | Is the depth of the well consistent with the original well log? | X | |
| F | Is the casing stable? (Does PVC move easily when touched or can be taken apart by hand due to lack of grout or use of slip couplings in construction) | X | |

5) Sampling: Groundwater Wells Only

- | | | | |
|----------|--|---|---|
| A | Does water recharge adequately when purged? | X | |
| B | If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater monitoring plan for the facility? | X | |
| C | Does the well require redevelopment (low flow/turbidity)? | | X |

6) Based on professional judgement, is the well construction / location appropriate to **1)** achieve the objectives of the Groundwater Monitoring Program and **2)** comply with the applicable regulatory requirements? X

7) Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name: Plant Scherer

Permit Number:

Well ID: GWC-3

Date: 2/8/22

Yes	No	N/A
-----	----	-----

1) Location/Identification

- | | | | |
|----------|--|---|--|
| A | Is the well visible and accessible? | X | |
| B | Is the well properly identified with correct well ID? | X | |
| C | Is the well in a high traffic area and does the well require protection from traffic? | X | |
| D | Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) | X | |

2) Protective Casing

- | | | | |
|----------|---|---|--|
| A | Is the protective casing free from apparent damage and able to be secured? | X | |
| B | Is the casing free of degradation or deterioration? | X | |
| C | Does the casing have a functioning weep hole? | X | |
| D | Is the annular space between the casings clear of debris and water, or filled with pea gravel/sand? | X | |
| E | Is the well locked and is the lock in good condition? | X | |

3) Surface Pad

- | | | | |
|----------|---|---|--|
| A | Is the well pad in good condition (not cracked/broken)? | X | |
| B | Is the well pad sloped away from the protective casing? | X | |
| C | Is the well pad in complete contact with the ground surface and stable? | X | |
| D | Is the well pad in complete contact with the protective casing? | X | |
| E | Is the pad surface clean (not covered with sediment or debris)? | X | |

4) Internal Casing

- | | | | |
|----------|---|---|--|
| A | Does the cap prevent entry of foreign material into the well? | X | |
| B | Is the casing free of kinks/bends, or any obstructions from foreign objects (such as bailers)? | X | |
| C | Is the well properly vented for equilibration of air pressure? | X | |
| D | Is the survey point clearly marked on the inner casing? | X | |
| E | Is the depth of the well consistent with the original well log? | X | |
| F | Is the casing stable? (Does PVC move easily when touched or can be taken apart by hand due to lack of grout or use of slip couplings in construction) | X | |

5) Sampling: Groundwater Wells Only

- | | | | |
|----------|--|---|--|
| A | Does water recharge adequately when purged? | X | |
| B | If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater monitoring plan for the facility? | X | |
| C | Does the well require redevelopment (low flow/turbidity)? | X | |

6) Based on professional judgement, is the well construction / location appropriate to **1)** achieve the objectives of the Groundwater Monitoring Program and **2)** comply with the applicable regulatory requirements? X

7) Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name: Plant Scherer

Permit Number:

Well ID: GWC-4

Date: 2/8/22

	Yes	No	N/A
--	-----	----	-----

1) Location/Identification

- | | | | |
|--|---|---|--|
| A Is the well visible and accessible? | X | | |
| B Is the well properly identified with correct well ID? | X | | |
| C Is the well in a high traffic area and does the well require protection from traffic? | | X | |
| D Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) | X | | |

2) Protective Casing

- | | | | |
|---|---|--|--|
| A Is the protective casing free from apparent damage and able to be secured? | X | | |
| B Is the casing free of degradation or deterioration? | X | | |
| C Does the casing have a functioning weep hole? | X | | |
| D Is the annular space between the casings clear of debris and water, or filled with pea gravel/sand? | X | | |
| E Is the well locked and is the lock in good condition? | X | | |

3) Surface Pad

- | | | | |
|---|---|--|--|
| A Is the well pad in good condition (not cracked/broken)? | X | | |
| B Is the well pad sloped away from the protective casing? | X | | |
| C Is the well pad in complete contact with the ground surface and stable? | X | | |
| D Is the well pad in complete contact with the protective casing? | X | | |
| E Is the pad surface clean (not covered with sediment or debris)? | X | | |

4) Internal Casing

- | | | | |
|---|---|--|--|
| A Does the cap prevent entry of foreign material into the well? | X | | |
| B Is the casing free of kinks/bends, or any obstructions from foreign objects (such as bailers)? | X | | |
| C Is the well properly vented for equilibration of air pressure? | X | | |
| D Is the survey point clearly marked on the inner casing? | X | | |
| E Is the depth of the well consistent with the original well log? | X | | |
| F Is the casing stable? (Does PVC move easily when touched or can be taken apart by hand due to lack of grout or use of slip couplings in construction) | X | | |

5) Sampling: Groundwater Wells Only

- | | | | |
|--|---|---|--|
| A Does water recharge adequately when purged? | X | | |
| B If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater monitoring plan for the facility? | X | | |
| C Does the well require redevelopment (low flow/turbidity)? | | X | |

6) Based on professional judgement, is the well construction / location appropriate to **1)** achieve the objectives of the Groundwater Monitoring Program and **2)** comply with the applicable regulatory requirements? X

7) Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name: Plant Scherer

Permit Number:

Well ID: GWC-5

Date: 2/8/22

Yes	No	N/A
-----	----	-----

1) Location/Identification

- | | | | |
|----------|--|---|---|
| A | Is the well visible and accessible? | X | |
| B | Is the well properly identified with correct well ID? | X | |
| C | Is the well in a high traffic area and does the well require protection from traffic? | | X |
| D | Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) | X | |

2) Protective Casing

- | | | | |
|----------|---|---|--|
| A | Is the protective casing free from apparent damage and able to be secured? | X | |
| B | Is the casing free of degradation or deterioration? | X | |
| C | Does the casing have a functioning weep hole? | X | |
| D | Is the annular space between the casings clear of debris and water, or filled with pea gravel/sand? | X | |
| E | Is the well locked and is the lock in good condition? | X | |

3) Surface Pad

- | | | | |
|----------|---|---|--|
| A | Is the well pad in good condition (not cracked/broken)? | X | |
| B | Is the well pad sloped away from the protective casing? | X | |
| C | Is the well pad in complete contact with the ground surface and stable? | X | |
| D | Is the well pad in complete contact with the protective casing? | X | |
| E | Is the pad surface clean (not covered with sediment or debris)? | X | |

4) Internal Casing

- | | | | |
|----------|---|---|--|
| A | Does the cap prevent entry of foreign material into the well? | X | |
| B | Is the casing free of kinks/bends, or any obstructions from foreign objects (such as bailers)? | X | |
| C | Is the well properly vented for equilibration of air pressure? | X | |
| D | Is the survey point clearly marked on the inner casing? | X | |
| E | Is the depth of the well consistent with the original well log? | X | |
| F | Is the casing stable? (Does PVC move easily when touched or can be taken apart by hand due to lack of grout or use of slip couplings in construction) | X | |

5) Sampling: Groundwater Wells Only

- | | | | |
|----------|--|---|---|
| A | Does water recharge adequately when purged? | X | |
| B | If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater monitoring plan for the facility? | X | |
| C | Does the well require redevelopment (low flow/turbidity)? | | X |

6) Based on professional judgement, is the well construction / location appropriate to **1)** achieve the objectives of the Groundwater Monitoring Program and **2)** comply with the applicable regulatory requirements? X

7) Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name: Plant Scherer

Permit Number:

Well ID: GWC-6

Date: 2/8/22

Yes	No	N/A
-----	----	-----

1) Location/Identification

- | | | | |
|----------|--|---|--|
| A | Is the well visible and accessible? | X | |
| B | Is the well properly identified with correct well ID? | X | |
| C | Is the well in a high traffic area and does the well require protection from traffic? | X | |
| D | Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) | X | |

2) Protective Casing

- | | | | |
|----------|---|---|--|
| A | Is the protective casing free from apparent damage and able to be secured? | X | |
| B | Is the casing free of degradation or deterioration? | X | |
| C | Does the casing have a functioning weep hole? | X | |
| D | Is the annular space between the casings clear of debris and water, or filled with pea gravel/sand? | X | |
| E | Is the well locked and is the lock in good condition? | X | |

3) Surface Pad

- | | | | |
|----------|---|---|--|
| A | Is the well pad in good condition (not cracked/broken)? | X | |
| B | Is the well pad sloped away from the protective casing? | X | |
| C | Is the well pad in complete contact with the ground surface and stable? | X | |
| D | Is the well pad in complete contact with the protective casing? | X | |
| E | Is the pad surface clean (not covered with sediment or debris)? | X | |

4) Internal Casing

- | | | | |
|----------|---|---|--|
| A | Does the cap prevent entry of foreign material into the well? | X | |
| B | Is the casing free of kinks/bends, or any obstructions from foreign objects (such as bailers)? | X | |
| C | Is the well properly vented for equilibration of air pressure? | X | |
| D | Is the survey point clearly marked on the inner casing? | X | |
| E | Is the depth of the well consistent with the original well log? | X | |
| F | Is the casing stable? (Does PVC move easily when touched or can be taken apart by hand due to lack of grout or use of slip couplings in construction) | X | |

5) Sampling: Groundwater Wells Only

- | | | | |
|----------|--|---|--|
| A | Does water recharge adequately when purged? | X | |
| B | If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater monitoring plan for the facility? | X | |
| C | Does the well require redevelopment (low flow/turbidity)? | X | |

6) Based on professional judgement, is the well construction / location appropriate to **1)** achieve the objectives of the Groundwater Monitoring Program and **2)** comply with the applicable regulatory requirements? X

7) Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name: Plant Scherer

Permit Number:

Well ID: GWC-7

Date: 2/8/22

Yes	No	N/A
-----	----	-----

1) Location/Identification

- | | | | |
|----------|--|---|---|
| A | Is the well visible and accessible? | X | |
| B | Is the well properly identified with correct well ID? | X | |
| C | Is the well in a high traffic area and does the well require protection from traffic? | | X |
| D | Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) | X | |

2) Protective Casing

- | | | | |
|----------|---|---|--|
| A | Is the protective casing free from apparent damage and able to be secured? | X | |
| B | Is the casing free of degradation or deterioration? | X | |
| C | Does the casing have a functioning weep hole? | X | |
| D | Is the annular space between the casings clear of debris and water, or filled with pea gravel/sand? | X | |
| E | Is the well locked and is the lock in good condition? | X | |

3) Surface Pad

- | | | | |
|----------|---|---|--|
| A | Is the well pad in good condition (not cracked/broken)? | X | |
| B | Is the well pad sloped away from the protective casing? | X | |
| C | Is the well pad in complete contact with the ground surface and stable? | X | |
| D | Is the well pad in complete contact with the protective casing? | X | |
| E | Is the pad surface clean (not covered with sediment or debris)? | X | |

4) Internal Casing

- | | | | |
|----------|---|---|--|
| A | Does the cap prevent entry of foreign material into the well? | X | |
| B | Is the casing free of kinks/bends, or any obstructions from foreign objects (such as bailers)? | X | |
| C | Is the well properly vented for equilibration of air pressure? | X | |
| D | Is the survey point clearly marked on the inner casing? | X | |
| E | Is the depth of the well consistent with the original well log? | X | |
| F | Is the casing stable? (Does PVC move easily when touched or can be taken apart by hand due to lack of grout or use of slip couplings in construction) | X | |

5) Sampling: Groundwater Wells Only

- | | | | |
|----------|--|---|---|
| A | Does water recharge adequately when purged? | X | |
| B | If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater monitoring plan for the facility? | X | |
| C | Does the well require redevelopment (low flow/turbidity)? | | X |

6) Based on professional judgement, is the well construction / location appropriate to **1)** achieve the objectives of the Groundwater Monitoring Program and **2)** comply with the applicable regulatory requirements? X

7) Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name: Plant Scherer

Permit Number:

Well ID: GWC-8

Date: 2/8/22

Yes	No	N/A
-----	----	-----

1) Location/Identification

- | | | | |
|----------|--|---|---|
| A | Is the well visible and accessible? | X | |
| B | Is the well properly identified with correct well ID? | X | |
| C | Is the well in a high traffic area and does the well require protection from traffic? | | X |
| D | Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) | X | |

2) Protective Casing

- | | | | |
|----------|---|---|--|
| A | Is the protective casing free from apparent damage and able to be secured? | X | |
| B | Is the casing free of degradation or deterioration? | X | |
| C | Does the casing have a functioning weep hole? | X | |
| D | Is the annular space between the casings clear of debris and water, or filled with pea gravel/sand? | X | |
| E | Is the well locked and is the lock in good condition? | X | |

3) Surface Pad

- | | | | |
|----------|---|---|--|
| A | Is the well pad in good condition (not cracked/broken)? | X | |
| B | Is the well pad sloped away from the protective casing? | X | |
| C | Is the well pad in complete contact with the ground surface and stable? | X | |
| D | Is the well pad in complete contact with the protective casing? | X | |
| E | Is the pad surface clean (not covered with sediment or debris)? | X | |

4) Internal Casing

- | | | | |
|----------|---|---|--|
| A | Does the cap prevent entry of foreign material into the well? | X | |
| B | Is the casing free of kinks/bends, or any obstructions from foreign objects (such as bailers)? | X | |
| C | Is the well properly vented for equilibration of air pressure? | X | |
| D | Is the survey point clearly marked on the inner casing? | X | |
| E | Is the depth of the well consistent with the original well log? | X | |
| F | Is the casing stable? (Does PVC move easily when touched or can be taken apart by hand due to lack of grout or use of slip couplings in construction) | X | |

5) Sampling: Groundwater Wells Only

- | | | | |
|----------|--|---|---|
| A | Does water recharge adequately when purged? | X | |
| B | If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater monitoring plan for the facility? | X | |
| C | Does the well require redevelopment (low flow/turbidity)? | | X |

6) Based on professional judgement, is the well construction / location appropriate to **1)** achieve the objectives of the Groundwater Monitoring Program and **2)** comply with the applicable regulatory requirements? X

7) Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name: Plant Scherer

Permit Number:

Well ID: GWC-9

Date: 2/8/22

Yes	No	N/A
-----	----	-----

1) Location/Identification

- | | | | |
|----------|--|---|--|
| A | Is the well visible and accessible? | X | |
| B | Is the well properly identified with correct well ID? | X | |
| C | Is the well in a high traffic area and does the well require protection from traffic? | X | |
| D | Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) | X | |

2) Protective Casing

- | | | | |
|----------|---|---|--|
| A | Is the protective casing free from apparent damage and able to be secured? | X | |
| B | Is the casing free of degradation or deterioration? | X | |
| C | Does the casing have a functioning weep hole? | X | |
| D | Is the annular space between the casings clear of debris and water, or filled with pea gravel/sand? | X | |
| E | Is the well locked and is the lock in good condition? | X | |

3) Surface Pad

- | | | | |
|----------|---|---|--|
| A | Is the well pad in good condition (not cracked/broken)? | X | |
| B | Is the well pad sloped away from the protective casing? | X | |
| C | Is the well pad in complete contact with the ground surface and stable? | X | |
| D | Is the well pad in complete contact with the protective casing? | X | |
| E | Is the pad surface clean (not covered with sediment or debris)? | X | |

4) Internal Casing

- | | | | |
|----------|---|---|--|
| A | Does the cap prevent entry of foreign material into the well? | X | |
| B | Is the casing free of kinks/bends, or any obstructions from foreign objects (such as bailers)? | X | |
| C | Is the well properly vented for equilibration of air pressure? | X | |
| D | Is the survey point clearly marked on the inner casing? | X | |
| E | Is the depth of the well consistent with the original well log? | X | |
| F | Is the casing stable? (Does PVC move easily when touched or can be taken apart by hand due to lack of grout or use of slip couplings in construction) | X | |

5) Sampling: Groundwater Wells Only

- | | | | |
|----------|--|---|--|
| A | Does water recharge adequately when purged? | X | |
| B | If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater monitoring plan for the facility? | X | |
| C | Does the well require redevelopment (low flow/turbidity)? | X | |

6) Based on professional judgement, is the well construction / location appropriate to **1)** achieve the objectives of the Groundwater Monitoring Program and **2)** comply with the applicable regulatory requirements? X

7) Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name: Plant Scherer

Permit Number:

Well ID: GWC-10

Date: 2/8/22

Yes	No	N/A
-----	----	-----

1) Location/Identification

- | | | | |
|----------|--|---|--|
| A | Is the well visible and accessible? | X | |
| B | Is the well properly identified with correct well ID? | X | |
| C | Is the well in a high traffic area and does the well require protection from traffic? | X | |
| D | Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) | X | |

2) Protective Casing

- | | | | |
|----------|---|---|--|
| A | Is the protective casing free from apparent damage and able to be secured? | X | |
| B | Is the casing free of degradation or deterioration? | X | |
| C | Does the casing have a functioning weep hole? | X | |
| D | Is the annular space between the casings clear of debris and water, or filled with pea gravel/sand? | X | |
| E | Is the well locked and is the lock in good condition? | X | |

3) Surface Pad

- | | | | |
|----------|---|---|--|
| A | Is the well pad in good condition (not cracked/broken)? | X | |
| B | Is the well pad sloped away from the protective casing? | X | |
| C | Is the well pad in complete contact with the ground surface and stable? | X | |
| D | Is the well pad in complete contact with the protective casing? | X | |
| E | Is the pad surface clean (not covered with sediment or debris)? | X | |

4) Internal Casing

- | | | | |
|----------|---|---|--|
| A | Does the cap prevent entry of foreign material into the well? | X | |
| B | Is the casing free of kinks/bends, or any obstructions from foreign objects (such as bailers)? | X | |
| C | Is the well properly vented for equilibration of air pressure? | X | |
| D | Is the survey point clearly marked on the inner casing? | X | |
| E | Is the depth of the well consistent with the original well log? | X | |
| F | Is the casing stable? (Does PVC move easily when touched or can be taken apart by hand due to lack of grout or use of slip couplings in construction) | X | |

5) Sampling: Groundwater Wells Only

- | | | | |
|----------|--|---|--|
| A | Does water recharge adequately when purged? | X | |
| B | If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater monitoring plan for the facility? | X | |
| C | Does the well require redevelopment (low flow/turbidity)? | X | |

6) Based on professional judgement, is the well construction / location appropriate to **1)** achieve the objectives of the Groundwater Monitoring Program and **2)** comply with the applicable regulatory requirements? X

7) Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name: Plant Scherer

Permit Number:

Well ID: GWC-11

Date: 2/8/22

Yes	No	N/A
-----	----	-----

1) Location/Identification

- | | | | |
|----------|--|---|---|
| A | Is the well visible and accessible? | X | |
| B | Is the well properly identified with correct well ID? | X | |
| C | Is the well in a high traffic area and does the well require protection from traffic? | | X |
| D | Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) | X | |

2) Protective Casing

- | | | | |
|----------|---|---|--|
| A | Is the protective casing free from apparent damage and able to be secured? | X | |
| B | Is the casing free of degradation or deterioration? | X | |
| C | Does the casing have a functioning weep hole? | X | |
| D | Is the annular space between the casings clear of debris and water, or filled with pea gravel/sand? | X | |
| E | Is the well locked and is the lock in good condition? | X | |

3) Surface Pad

- | | | | |
|----------|---|---|--|
| A | Is the well pad in good condition (not cracked/broken)? | X | |
| B | Is the well pad sloped away from the protective casing? | X | |
| C | Is the well pad in complete contact with the ground surface and stable? | X | |
| D | Is the well pad in complete contact with the protective casing? | X | |
| E | Is the pad surface clean (not covered with sediment or debris)? | X | |

4) Internal Casing

- | | | | |
|----------|---|---|--|
| A | Does the cap prevent entry of foreign material into the well? | X | |
| B | Is the casing free of kinks/bends, or any obstructions from foreign objects (such as bailers)? | X | |
| C | Is the well properly vented for equilibration of air pressure? | X | |
| D | Is the survey point clearly marked on the inner casing? | X | |
| E | Is the depth of the well consistent with the original well log? | X | |
| F | Is the casing stable? (Does PVC move easily when touched or can be taken apart by hand due to lack of grout or use of slip couplings in construction) | X | |

5) Sampling: Groundwater Wells Only

- | | | | |
|----------|--|---|---|
| A | Does water recharge adequately when purged? | X | |
| B | If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater monitoring plan for the facility? | X | |
| C | Does the well require redevelopment (low flow/turbidity)? | | X |

6) Based on professional judgement, is the well construction / location appropriate to **1)** achieve the objectives of the Groundwater Monitoring Program and **2)** comply with the applicable regulatory requirements? X

7) Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name: Plant Scherer

Permit Number:

Well ID: GWC-12

Date: 2/8/22

Yes	No	N/A
-----	----	-----

1) Location/Identification

- | | | | |
|----------|--|---|---|
| A | Is the well visible and accessible? | X | |
| B | Is the well properly identified with correct well ID? | X | |
| C | Is the well in a high traffic area and does the well require protection from traffic? | | X |
| D | Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) | X | |

2) Protective Casing

- | | | | |
|----------|---|---|--|
| A | Is the protective casing free from apparent damage and able to be secured? | X | |
| B | Is the casing free of degradation or deterioration? | X | |
| C | Does the casing have a functioning weep hole? | X | |
| D | Is the annular space between the casings clear of debris and water, or filled with pea gravel/sand? | X | |
| E | Is the well locked and is the lock in good condition? | X | |

3) Surface Pad

- | | | | |
|----------|---|---|--|
| A | Is the well pad in good condition (not cracked/broken)? | X | |
| B | Is the well pad sloped away from the protective casing? | X | |
| C | Is the well pad in complete contact with the ground surface and stable? | X | |
| D | Is the well pad in complete contact with the protective casing? | X | |
| E | Is the pad surface clean (not covered with sediment or debris)? | X | |

4) Internal Casing

- | | | | |
|----------|---|---|--|
| A | Does the cap prevent entry of foreign material into the well? | X | |
| B | Is the casing free of kinks/bends, or any obstructions from foreign objects (such as bailers)? | X | |
| C | Is the well properly vented for equilibration of air pressure? | X | |
| D | Is the survey point clearly marked on the inner casing? | X | |
| E | Is the depth of the well consistent with the original well log? | X | |
| F | Is the casing stable? (Does PVC move easily when touched or can be taken apart by hand due to lack of grout or use of slip couplings in construction) | X | |

5) Sampling: Groundwater Wells Only

- | | | | |
|----------|--|---|---|
| A | Does water recharge adequately when purged? | X | |
| B | If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater monitoring plan for the facility? | X | |
| C | Does the well require redevelopment (low flow/turbidity)? | | X |

6) Based on professional judgement, is the well construction / location appropriate to **1)** achieve the objectives of the Groundwater Monitoring Program and **2)** comply with the applicable regulatory requirements? X

7) Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name: Plant Scherer

Permit Number:

Well ID: GWC-13

Date: 2/8/22

	Yes	No	N/A
--	-----	----	-----

1) Location/Identification

- | | | | |
|--|---|---|--|
| A Is the well visible and accessible? | X | | |
| B Is the well properly identified with correct well ID? | X | | |
| C Is the well in a high traffic area and does the well require protection from traffic? | | X | |
| D Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) | X | | |

2) Protective Casing

- | | | | |
|---|---|--|--|
| A Is the protective casing free from apparent damage and able to be secured? | X | | |
| B Is the casing free of degradation or deterioration? | X | | |
| C Does the casing have a functioning weep hole? | X | | |
| D Is the annular space between the casings clear of debris and water, or filled with pea gravel/sand? | X | | |
| E Is the well locked and is the lock in good condition? | X | | |

3) Surface Pad

- | | | | |
|---|---|--|--|
| A Is the well pad in good condition (not cracked/broken)? | X | | |
| B Is the well pad sloped away from the protective casing? | X | | |
| C Is the well pad in complete contact with the ground surface and stable? | X | | |
| D Is the well pad in complete contact with the protective casing? | X | | |
| E Is the pad surface clean (not covered with sediment or debris)? | X | | |

4) Internal Casing

- | | | | |
|---|---|--|--|
| A Does the cap prevent entry of foreign material into the well? | X | | |
| B Is the casing free of kinks/bends, or any obstructions from foreign objects (such as bailers)? | X | | |
| C Is the well properly vented for equilibration of air pressure? | X | | |
| D Is the survey point clearly marked on the inner casing? | X | | |
| E Is the depth of the well consistent with the original well log? | X | | |
| F Is the casing stable? (Does PVC move easily when touched or can be taken apart by hand due to lack of grout or use of slip couplings in construction) | X | | |

5) Sampling: Groundwater Wells Only

- | | | | |
|--|---|---|--|
| A Does water recharge adequately when purged? | X | | |
| B If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater monitoring plan for the facility? | X | | |
| C Does the well require redevelopment (low flow/turbidity)? | | X | |

6) Based on professional judgement, is the well construction / location appropriate to **1)** achieve the objectives of the Groundwater Monitoring Program and **2)** comply with the applicable regulatory requirements? X

7) Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name: Plant Scherer

Permit Number:

Well ID: GWC-14

Date: 2/8/22

Yes	No	N/A
-----	----	-----

1) Location/Identification

- | | | | |
|----------|--|---|---|
| A | Is the well visible and accessible? | X | |
| B | Is the well properly identified with correct well ID? | X | |
| C | Is the well in a high traffic area and does the well require protection from traffic? | | X |
| D | Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) | X | |

2) Protective Casing

- | | | | |
|----------|---|---|--|
| A | Is the protective casing free from apparent damage and able to be secured? | X | |
| B | Is the casing free of degradation or deterioration? | X | |
| C | Does the casing have a functioning weep hole? | X | |
| D | Is the annular space between the casings clear of debris and water, or filled with pea gravel/sand? | X | |
| E | Is the well locked and is the lock in good condition? | X | |

3) Surface Pad

- | | | | |
|----------|---|---|--|
| A | Is the well pad in good condition (not cracked/broken)? | X | |
| B | Is the well pad sloped away from the protective casing? | X | |
| C | Is the well pad in complete contact with the ground surface and stable? | X | |
| D | Is the well pad in complete contact with the protective casing? | X | |
| E | Is the pad surface clean (not covered with sediment or debris)? | X | |

4) Internal Casing

- | | | | |
|----------|---|---|--|
| A | Does the cap prevent entry of foreign material into the well? | X | |
| B | Is the casing free of kinks/bends, or any obstructions from foreign objects (such as bailers)? | X | |
| C | Is the well properly vented for equilibration of air pressure? | X | |
| D | Is the survey point clearly marked on the inner casing? | X | |
| E | Is the depth of the well consistent with the original well log? | X | |
| F | Is the casing stable? (Does PVC move easily when touched or can be taken apart by hand due to lack of grout or use of slip couplings in construction) | X | |

5) Sampling: Groundwater Wells Only

- | | | | |
|----------|--|---|---|
| A | Does water recharge adequately when purged? | X | |
| B | If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater monitoring plan for the facility? | X | |
| C | Does the well require redevelopment (low flow/turbidity)? | | X |

6) Based on professional judgement, is the well construction / location appropriate to **1)** achieve the objectives of the Groundwater Monitoring Program and **2)** comply with the applicable regulatory requirements? X

7) Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name: Plant Scherer

Permit Number:

Well ID: GWA-15

Date: 2/8/22

	Yes	No	N/A
--	-----	----	-----

1) Location/Identification

- | | | | |
|--|---|---|--|
| A Is the well visible and accessible? | X | | |
| B Is the well properly identified with correct well ID? | X | | |
| C Is the well in a high traffic area and does the well require protection from traffic? | | X | |
| D Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) | X | | |

2) Protective Casing

- | | | | |
|---|---|--|--|
| A Is the protective casing free from apparent damage and able to be secured? | X | | |
| B Is the casing free of degradation or deterioration? | X | | |
| C Does the casing have a functioning weep hole? | X | | |
| D Is the annular space between the casings clear of debris and water, or filled with pea gravel/sand? | X | | |
| E Is the well locked and is the lock in good condition? | X | | |

3) Surface Pad

- | | | | |
|---|---|--|--|
| A Is the well pad in good condition (not cracked/broken)? | X | | |
| B Is the well pad sloped away from the protective casing? | X | | |
| C Is the well pad in complete contact with the ground surface and stable? | X | | |
| D Is the well pad in complete contact with the protective casing? | X | | |
| E Is the pad surface clean (not covered with sediment or debris)? | X | | |

4) Internal Casing

- | | | | |
|---|---|--|--|
| A Does the cap prevent entry of foreign material into the well? | X | | |
| B Is the casing free of kinks/bends, or any obstructions from foreign objects (such as bailers)? | X | | |
| C Is the well properly vented for equilibration of air pressure? | X | | |
| D Is the survey point clearly marked on the inner casing? | X | | |
| E Is the depth of the well consistent with the original well log? | X | | |
| F Is the casing stable? (Does PVC move easily when touched or can be taken apart by hand due to lack of grout or use of slip couplings in construction) | X | | |

5) Sampling: Groundwater Wells Only

- | | | | |
|--|---|---|--|
| A Does water recharge adequately when purged? | X | | |
| B If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater monitoring plan for the facility? | X | | |
| C Does the well require redevelopment (low flow/turbidity)? | | X | |

6) Based on professional judgement, is the well construction / location appropriate to **1)** achieve the objectives of the Groundwater Monitoring Program and **2)** comply with the applicable regulatory requirements? X

7) Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name: Plant Scherer

Permit Number:

Well ID: GWA-16

Date: 2/8/22

Yes	No	N/A
-----	----	-----

1) Location/Identification

- | | | | |
|----------|--|---|---|
| A | Is the well visible and accessible? | X | |
| B | Is the well properly identified with correct well ID? | X | |
| C | Is the well in a high traffic area and does the well require protection from traffic? | | X |
| D | Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) | X | |

2) Protective Casing

- | | | | |
|----------|---|---|--|
| A | Is the protective casing free from apparent damage and able to be secured? | X | |
| B | Is the casing free of degradation or deterioration? | X | |
| C | Does the casing have a functioning weep hole? | X | |
| D | Is the annular space between the casings clear of debris and water, or filled with pea gravel/sand? | X | |
| E | Is the well locked and is the lock in good condition? | X | |

3) Surface Pad

- | | | | |
|----------|---|---|--|
| A | Is the well pad in good condition (not cracked/broken)? | X | |
| B | Is the well pad sloped away from the protective casing? | X | |
| C | Is the well pad in complete contact with the ground surface and stable? | X | |
| D | Is the well pad in complete contact with the protective casing? | X | |
| E | Is the pad surface clean (not covered with sediment or debris)? | X | |

4) Internal Casing

- | | | | |
|----------|---|---|--|
| A | Does the cap prevent entry of foreign material into the well? | X | |
| B | Is the casing free of kinks/bends, or any obstructions from foreign objects (such as bailers)? | X | |
| C | Is the well properly vented for equilibration of air pressure? | X | |
| D | Is the survey point clearly marked on the inner casing? | X | |
| E | Is the depth of the well consistent with the original well log? | X | |
| F | Is the casing stable? (Does PVC move easily when touched or can be taken apart by hand due to lack of grout or use of slip couplings in construction) | X | |

5) Sampling: Groundwater Wells Only

- | | | | |
|----------|--|---|---|
| A | Does water recharge adequately when purged? | X | |
| B | If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater monitoring plan for the facility? | X | |
| C | Does the well require redevelopment (low flow/turbidity)? | | X |

6) Based on professional judgement, is the well construction / location appropriate to **1)** achieve the objectives of the Groundwater Monitoring Program and **2)** comply with the applicable regulatory requirements? X

7) Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name: Plant Scherer

Permit Number:

Well ID: GWA-17

Date: 2/8/22

Yes	No	N/A
-----	----	-----

1) Location/Identification

- | | | | |
|----------|--|---|---|
| A | Is the well visible and accessible? | X | |
| B | Is the well properly identified with correct well ID? | X | |
| C | Is the well in a high traffic area and does the well require protection from traffic? | | X |
| D | Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) | X | |

2) Protective Casing

- | | | | |
|----------|---|---|--|
| A | Is the protective casing free from apparent damage and able to be secured? | X | |
| B | Is the casing free of degradation or deterioration? | X | |
| C | Does the casing have a functioning weep hole? | X | |
| D | Is the annular space between the casings clear of debris and water, or filled with pea gravel/sand? | X | |
| E | Is the well locked and is the lock in good condition? | X | |

3) Surface Pad

- | | | | |
|----------|---|---|--|
| A | Is the well pad in good condition (not cracked/broken)? | X | |
| B | Is the well pad sloped away from the protective casing? | X | |
| C | Is the well pad in complete contact with the ground surface and stable? | X | |
| D | Is the well pad in complete contact with the protective casing? | X | |
| E | Is the pad surface clean (not covered with sediment or debris)? | X | |

4) Internal Casing

- | | | | |
|----------|---|---|--|
| A | Does the cap prevent entry of foreign material into the well? | X | |
| B | Is the casing free of kinks/bends, or any obstructions from foreign objects (such as bailers)? | X | |
| C | Is the well properly vented for equilibration of air pressure? | X | |
| D | Is the survey point clearly marked on the inner casing? | X | |
| E | Is the depth of the well consistent with the original well log? | X | |
| F | Is the casing stable? (Does PVC move easily when touched or can be taken apart by hand due to lack of grout or use of slip couplings in construction) | X | |

5) Sampling: Groundwater Wells Only

- | | | | |
|----------|--|---|---|
| A | Does water recharge adequately when purged? | X | |
| B | If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater monitoring plan for the facility? | X | |
| C | Does the well require redevelopment (low flow/turbidity)? | | X |

6) Based on professional judgement, is the well construction / location appropriate to **1)** achieve the objectives of the Groundwater Monitoring Program and **2)** comply with the applicable regulatory requirements? X

7) Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name: Plant Scherer

Permit Number:

Well ID: GWC-18

Date: 2/8/22

	Yes	No	N/A
--	-----	----	-----

1) Location/Identification

- | | | | |
|--|---|---|--|
| A Is the well visible and accessible? | X | | |
| B Is the well properly identified with correct well ID? | X | | |
| C Is the well in a high traffic area and does the well require protection from traffic? | | X | |
| D Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) | X | | |

2) Protective Casing

- | | | | |
|---|---|--|--|
| A Is the protective casing free from apparent damage and able to be secured? | X | | |
| B Is the casing free of degradation or deterioration? | X | | |
| C Does the casing have a functioning weep hole? | X | | |
| D Is the annular space between the casings clear of debris and water, or filled with pea gravel/sand? | X | | |
| E Is the well locked and is the lock in good condition? | X | | |

3) Surface Pad

- | | | | |
|---|---|--|--|
| A Is the well pad in good condition (not cracked/broken)? | X | | |
| B Is the well pad sloped away from the protective casing? | X | | |
| C Is the well pad in complete contact with the ground surface and stable? | X | | |
| D Is the well pad in complete contact with the protective casing? | X | | |
| E Is the pad surface clean (not covered with sediment or debris)? | X | | |

4) Internal Casing

- | | | | |
|---|---|--|--|
| A Does the cap prevent entry of foreign material into the well? | X | | |
| B Is the casing free of kinks/bends, or any obstructions from foreign objects (such as bailers)? | X | | |
| C Is the well properly vented for equilibration of air pressure? | X | | |
| D Is the survey point clearly marked on the inner casing? | X | | |
| E Is the depth of the well consistent with the original well log? | X | | |
| F Is the casing stable? (Does PVC move easily when touched or can be taken apart by hand due to lack of grout or use of slip couplings in construction) | X | | |

5) Sampling: Groundwater Wells Only

- | | | | |
|--|---|---|--|
| A Does water recharge adequately when purged? | X | | |
| B If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater monitoring plan for the facility? | X | | |
| C Does the well require redevelopment (low flow/turbidity)? | | X | |

6) Based on professional judgement, is the well construction / location appropriate to **1)** achieve the objectives of the Groundwater Monitoring Program and **2)** comply with the applicable regulatory requirements? X

7) Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name: Plant Scherer

Permit Number:

Well ID: GWC-19

Date: 2/8/22

	Yes	No	N/A
--	-----	----	-----

1) Location/Identification

- | | | | |
|--|---|---|--|
| A Is the well visible and accessible? | X | | |
| B Is the well properly identified with correct well ID? | X | | |
| C Is the well in a high traffic area and does the well require protection from traffic? | | X | |
| D Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) | X | | |

2) Protective Casing

- | | | | |
|---|---|--|--|
| A Is the protective casing free from apparent damage and able to be secured? | X | | |
| B Is the casing free of degradation or deterioration? | X | | |
| C Does the casing have a functioning weep hole? | X | | |
| D Is the annular space between the casings clear of debris and water, or filled with pea gravel/sand? | X | | |
| E Is the well locked and is the lock in good condition? | X | | |

3) Surface Pad

- | | | | |
|---|---|--|--|
| A Is the well pad in good condition (not cracked/broken)? | X | | |
| B Is the well pad sloped away from the protective casing? | X | | |
| C Is the well pad in complete contact with the ground surface and stable? | X | | |
| D Is the well pad in complete contact with the protective casing? | X | | |
| E Is the pad surface clean (not covered with sediment or debris)? | X | | |

4) Internal Casing

- | | | | |
|---|---|--|--|
| A Does the cap prevent entry of foreign material into the well? | X | | |
| B Is the casing free of kinks/bends, or any obstructions from foreign objects (such as bailers)? | X | | |
| C Is the well properly vented for equilibration of air pressure? | X | | |
| D Is the survey point clearly marked on the inner casing? | X | | |
| E Is the depth of the well consistent with the original well log? | X | | |
| F Is the casing stable? (Does PVC move easily when touched or can be taken apart by hand due to lack of grout or use of slip couplings in construction) | X | | |

5) Sampling: Groundwater Wells Only

- | | | | |
|--|---|---|--|
| A Does water recharge adequately when purged? | X | | |
| B If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater monitoring plan for the facility? | X | | |
| C Does the well require redevelopment (low flow/turbidity)? | | X | |

6) Based on professional judgement, is the well construction / location appropriate to **1)** achieve the objectives of the Groundwater Monitoring Program and **2)** comply with the applicable regulatory requirements? X

7) Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name: Plant Scherer

Permit Number:

Well ID: GWC-20

Date: 2/8/22

Yes	No	N/A
-----	----	-----

1) Location/Identification

- | | | | |
|----------|--|---|--|
| A | Is the well visible and accessible? | X | |
| B | Is the well properly identified with correct well ID? | X | |
| C | Is the well in a high traffic area and does the well require protection from traffic? | X | |
| D | Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) | X | |

2) Protective Casing

- | | | | |
|----------|---|---|--|
| A | Is the protective casing free from apparent damage and able to be secured? | X | |
| B | Is the casing free of degradation or deterioration? | X | |
| C | Does the casing have a functioning weep hole? | X | |
| D | Is the annular space between the casings clear of debris and water, or filled with pea gravel/sand? | X | |
| E | Is the well locked and is the lock in good condition? | X | |

3) Surface Pad

- | | | | |
|----------|---|---|--|
| A | Is the well pad in good condition (not cracked/broken)? | X | |
| B | Is the well pad sloped away from the protective casing? | X | |
| C | Is the well pad in complete contact with the ground surface and stable? | X | |
| D | Is the well pad in complete contact with the protective casing? | X | |
| E | Is the pad surface clean (not covered with sediment or debris)? | X | |

4) Internal Casing

- | | | | |
|----------|---|---|--|
| A | Does the cap prevent entry of foreign material into the well? | X | |
| B | Is the casing free of kinks/bends, or any obstructions from foreign objects (such as bailers)? | X | |
| C | Is the well properly vented for equilibration of air pressure? | X | |
| D | Is the survey point clearly marked on the inner casing? | X | |
| E | Is the depth of the well consistent with the original well log? | X | |
| F | Is the casing stable? (Does PVC move easily when touched or can be taken apart by hand due to lack of grout or use of slip couplings in construction) | X | |

5) Sampling: Groundwater Wells Only

- | | | | |
|----------|--|---|--|
| A | Does water recharge adequately when purged? | X | |
| B | If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater monitoring plan for the facility? | X | |
| C | Does the well require redevelopment (low flow/turbidity)? | X | |

6) Based on professional judgement, is the well construction / location appropriate to **1)** achieve the objectives of the Groundwater Monitoring Program and **2)** comply with the applicable regulatory requirements? X

7) Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name: Plant Scherer

Permit Number:

Well ID: GWA-21

Date: 2/8/22

Yes	No	N/A
-----	----	-----

1) Location/Identification

- | | | | |
|----------|--|---|--|
| A | Is the well visible and accessible? | X | |
| B | Is the well properly identified with correct well ID? | X | |
| C | Is the well in a high traffic area and does the well require protection from traffic? | X | |
| D | Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) | X | |

2) Protective Casing

- | | | | |
|----------|---|---|--|
| A | Is the protective casing free from apparent damage and able to be secured? | X | |
| B | Is the casing free of degradation or deterioration? | X | |
| C | Does the casing have a functioning weep hole? | X | |
| D | Is the annular space between the casings clear of debris and water, or filled with pea gravel/sand? | X | |
| E | Is the well locked and is the lock in good condition? | X | |

3) Surface Pad

- | | | | |
|----------|---|---|--|
| A | Is the well pad in good condition (not cracked/broken)? | X | |
| B | Is the well pad sloped away from the protective casing? | X | |
| C | Is the well pad in complete contact with the ground surface and stable? | X | |
| D | Is the well pad in complete contact with the protective casing? | X | |
| E | Is the pad surface clean (not covered with sediment or debris)? | X | |

4) Internal Casing

- | | | | |
|----------|---|---|--|
| A | Does the cap prevent entry of foreign material into the well? | X | |
| B | Is the casing free of kinks/bends, or any obstructions from foreign objects (such as bailers)? | X | |
| C | Is the well properly vented for equilibration of air pressure? | X | |
| D | Is the survey point clearly marked on the inner casing? | X | |
| E | Is the depth of the well consistent with the original well log? | X | |
| F | Is the casing stable? (Does PVC move easily when touched or can be taken apart by hand due to lack of grout or use of slip couplings in construction) | X | |

5) Sampling: Groundwater Wells Only

- | | | | |
|----------|--|---|--|
| A | Does water recharge adequately when purged? | X | |
| B | If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater monitoring plan for the facility? | X | |
| C | Does the well require redevelopment (low flow/turbidity)? | X | |

6) Based on professional judgement, is the well construction / location appropriate to **1)** achieve the objectives of the Groundwater Monitoring Program and **2)** comply with the applicable regulatory requirements? X

7) Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name: Plant Scherer

Permit Number:

Well ID: GWA-22

Date: 2/8/22

Yes	No	N/A
-----	----	-----

1) Location/Identification

- | | | | |
|----------|--|---|---|
| A | Is the well visible and accessible? | X | |
| B | Is the well properly identified with correct well ID? | X | |
| C | Is the well in a high traffic area and does the well require protection from traffic? | | X |
| D | Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) | X | |

2) Protective Casing

- | | | | |
|----------|---|---|--|
| A | Is the protective casing free from apparent damage and able to be secured? | X | |
| B | Is the casing free of degradation or deterioration? | X | |
| C | Does the casing have a functioning weep hole? | X | |
| D | Is the annular space between the casings clear of debris and water, or filled with pea gravel/sand? | X | |
| E | Is the well locked and is the lock in good condition? | X | |

3) Surface Pad

- | | | | |
|----------|---|---|--|
| A | Is the well pad in good condition (not cracked/broken)? | X | |
| B | Is the well pad sloped away from the protective casing? | X | |
| C | Is the well pad in complete contact with the ground surface and stable? | X | |
| D | Is the well pad in complete contact with the protective casing? | X | |
| E | Is the pad surface clean (not covered with sediment or debris)? | X | |

4) Internal Casing

- | | | | |
|----------|---|---|--|
| A | Does the cap prevent entry of foreign material into the well? | X | |
| B | Is the casing free of kinks/bends, or any obstructions from foreign objects (such as bailers)? | X | |
| C | Is the well properly vented for equilibration of air pressure? | X | |
| D | Is the survey point clearly marked on the inner casing? | X | |
| E | Is the depth of the well consistent with the original well log? | X | |
| F | Is the casing stable? (Does PVC move easily when touched or can be taken apart by hand due to lack of grout or use of slip couplings in construction) | X | |

5) Sampling: Groundwater Wells Only

- | | | | |
|----------|--|---|---|
| A | Does water recharge adequately when purged? | X | |
| B | If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater monitoring plan for the facility? | X | |
| C | Does the well require redevelopment (low flow/turbidity)? | | X |

6) Based on professional judgement, is the well construction / location appropriate to **1)** achieve the objectives of the Groundwater Monitoring Program and **2)** comply with the applicable regulatory requirements? X

7) Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name: Plant Scherer

Permit Number:

Well ID: GWC-29

Date: 2/8/22

Yes	No	N/A
-----	----	-----

1) Location/Identification

- | | | | |
|----------|--|---|---|
| A | Is the well visible and accessible? | X | |
| B | Is the well properly identified with correct well ID? | X | |
| C | Is the well in a high traffic area and does the well require protection from traffic? | | X |
| D | Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) | X | |

2) Protective Casing

- | | | | |
|----------|---|---|--|
| A | Is the protective casing free from apparent damage and able to be secured? | X | |
| B | Is the casing free of degradation or deterioration? | X | |
| C | Does the casing have a functioning weep hole? | X | |
| D | Is the annular space between the casings clear of debris and water, or filled with pea gravel/sand? | X | |
| E | Is the well locked and is the lock in good condition? | X | |

3) Surface Pad

- | | | | |
|----------|---|---|--|
| A | Is the well pad in good condition (not cracked/broken)? | X | |
| B | Is the well pad sloped away from the protective casing? | X | |
| C | Is the well pad in complete contact with the ground surface and stable? | X | |
| D | Is the well pad in complete contact with the protective casing? | X | |
| E | Is the pad surface clean (not covered with sediment or debris)? | X | |

4) Internal Casing

- | | | | |
|----------|---|---|--|
| A | Does the cap prevent entry of foreign material into the well? | X | |
| B | Is the casing free of kinks/bends, or any obstructions from foreign objects (such as bailers)? | X | |
| C | Is the well properly vented for equilibration of air pressure? | X | |
| D | Is the survey point clearly marked on the inner casing? | X | |
| E | Is the depth of the well consistent with the original well log? | X | |
| F | Is the casing stable? (Does PVC move easily when touched or can be taken apart by hand due to lack of grout or use of slip couplings in construction) | X | |

5) Sampling: Groundwater Wells Only

- | | | | |
|----------|--|---|---|
| A | Does water recharge adequately when purged? | X | |
| B | If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater monitoring plan for the facility? | X | |
| C | Does the well require redevelopment (low flow/turbidity)? | | X |

6) Based on professional judgement, is the well construction / location appropriate to **1)** achieve the objectives of the Groundwater Monitoring Program and **2)** comply with the applicable regulatory requirements? X

7) Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name: Plant Scherer

Permit Number:

Well ID: GWA-45

Date: 2/8/22

Yes	No	N/A
-----	----	-----

1) Location/Identification

- | | | | |
|----------|--|---|---|
| A | Is the well visible and accessible? | X | |
| B | Is the well properly identified with correct well ID? | X | |
| C | Is the well in a high traffic area and does the well require protection from traffic? | | X |
| D | Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) | X | |

2) Protective Casing

- | | | | |
|----------|---|---|--|
| A | Is the protective casing free from apparent damage and able to be secured? | X | |
| B | Is the casing free of degradation or deterioration? | X | |
| C | Does the casing have a functioning weep hole? | X | |
| D | Is the annular space between the casings clear of debris and water, or filled with pea gravel/sand? | X | |
| E | Is the well locked and is the lock in good condition? | X | |

3) Surface Pad

- | | | | |
|----------|---|---|--|
| A | Is the well pad in good condition (not cracked/broken)? | X | |
| B | Is the well pad sloped away from the protective casing? | X | |
| C | Is the well pad in complete contact with the ground surface and stable? | X | |
| D | Is the well pad in complete contact with the protective casing? | X | |
| E | Is the pad surface clean (not covered with sediment or debris)? | X | |

4) Internal Casing

- | | | | |
|----------|---|---|--|
| A | Does the cap prevent entry of foreign material into the well? | X | |
| B | Is the casing free of kinks/bends, or any obstructions from foreign objects (such as bailers)? | X | |
| C | Is the well properly vented for equilibration of air pressure? | X | |
| D | Is the survey point clearly marked on the inner casing? | X | |
| E | Is the depth of the well consistent with the original well log? | X | |
| F | Is the casing stable? (Does PVC move easily when touched or can be taken apart by hand due to lack of grout or use of slip couplings in construction) | X | |

5) Sampling: Groundwater Wells Only

- | | | | |
|----------|--|---|---|
| A | Does water recharge adequately when purged? | X | |
| B | If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater monitoring plan for the facility? | X | |
| C | Does the well require redevelopment (low flow/turbidity)? | | X |

6) Based on professional judgement, is the well construction / location appropriate to **1)** achieve the objectives of the Groundwater Monitoring Program and **2)** comply with the applicable regulatory requirements? X

7) Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name: Plant Scherer

Permit Number:

Well ID: GWA-46

Date: 2/8/22

Yes	No	N/A
-----	----	-----

1) Location/Identification

- | | | | |
|----------|--|---|---|
| A | Is the well visible and accessible? | X | |
| B | Is the well properly identified with correct well ID? | X | |
| C | Is the well in a high traffic area and does the well require protection from traffic? | | X |
| D | Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) | X | |

2) Protective Casing

- | | | | |
|----------|---|---|--|
| A | Is the protective casing free from apparent damage and able to be secured? | X | |
| B | Is the casing free of degradation or deterioration? | X | |
| C | Does the casing have a functioning weep hole? | X | |
| D | Is the annular space between the casings clear of debris and water, or filled with pea gravel/sand? | X | |
| E | Is the well locked and is the lock in good condition? | X | |

3) Surface Pad

- | | | | |
|----------|---|---|--|
| A | Is the well pad in good condition (not cracked/broken)? | X | |
| B | Is the well pad sloped away from the protective casing? | X | |
| C | Is the well pad in complete contact with the ground surface and stable? | X | |
| D | Is the well pad in complete contact with the protective casing? | X | |
| E | Is the pad surface clean (not covered with sediment or debris)? | X | |

4) Internal Casing

- | | | | |
|----------|---|---|--|
| A | Does the cap prevent entry of foreign material into the well? | X | |
| B | Is the casing free of kinks/bends, or any obstructions from foreign objects (such as bailers)? | X | |
| C | Is the well properly vented for equilibration of air pressure? | X | |
| D | Is the survey point clearly marked on the inner casing? | X | |
| E | Is the depth of the well consistent with the original well log? | X | |
| F | Is the casing stable? (Does PVC move easily when touched or can be taken apart by hand due to lack of grout or use of slip couplings in construction) | X | |

5) Sampling: Groundwater Wells Only

- | | | | |
|----------|--|---|---|
| A | Does water recharge adequately when purged? | X | |
| B | If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater monitoring plan for the facility? | X | |
| C | Does the well require redevelopment (low flow/turbidity)? | | X |

6) Based on professional judgement, is the well construction / location appropriate to **1)** achieve the objectives of the Groundwater Monitoring Program and **2)** comply with the applicable regulatory requirements? X

7) Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name: Plant Scherer

Permit Number:

Well ID: GWA-47

Date: 2/8/22

Yes	No	N/A
-----	----	-----

1) Location/Identification

- | | | | |
|----------|--|---|---|
| A | Is the well visible and accessible? | X | |
| B | Is the well properly identified with correct well ID? | X | |
| C | Is the well in a high traffic area and does the well require protection from traffic? | | X |
| D | Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) | X | |

2) Protective Casing

- | | | | |
|----------|---|---|--|
| A | Is the protective casing free from apparent damage and able to be secured? | X | |
| B | Is the casing free of degradation or deterioration? | X | |
| C | Does the casing have a functioning weep hole? | X | |
| D | Is the annular space between the casings clear of debris and water, or filled with pea gravel/sand? | X | |
| E | Is the well locked and is the lock in good condition? | X | |

3) Surface Pad

- | | | | |
|----------|---|---|--|
| A | Is the well pad in good condition (not cracked/broken)? | X | |
| B | Is the well pad sloped away from the protective casing? | X | |
| C | Is the well pad in complete contact with the ground surface and stable? | X | |
| D | Is the well pad in complete contact with the protective casing? | X | |
| E | Is the pad surface clean (not covered with sediment or debris)? | X | |

4) Internal Casing

- | | | | |
|----------|---|---|--|
| A | Does the cap prevent entry of foreign material into the well? | X | |
| B | Is the casing free of kinks/bends, or any obstructions from foreign objects (such as bailers)? | X | |
| C | Is the well properly vented for equilibration of air pressure? | X | |
| D | Is the survey point clearly marked on the inner casing? | X | |
| E | Is the depth of the well consistent with the original well log? | X | |
| F | Is the casing stable? (Does PVC move easily when touched or can be taken apart by hand due to lack of grout or use of slip couplings in construction) | X | |

5) Sampling: Groundwater Wells Only

- | | | | |
|----------|--|---|---|
| A | Does water recharge adequately when purged? | X | |
| B | If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater monitoring plan for the facility? | X | |
| C | Does the well require redevelopment (low flow/turbidity)? | | X |

6) Based on professional judgement, is the well construction / location appropriate to **1)** achieve the objectives of the Groundwater Monitoring Program and **2)** comply with the applicable regulatory requirements? X

7) Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name: Plant Scherer

Permit Number:

Well ID: GWA-48

Date: 2/8/22

Yes	No	N/A
-----	----	-----

1) Location/Identification

- | | | | |
|----------|--|---|--|
| A | Is the well visible and accessible? | X | |
| B | Is the well properly identified with correct well ID? | X | |
| C | Is the well in a high traffic area and does the well require protection from traffic? | X | |
| D | Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) | X | |

2) Protective Casing

- | | | | |
|----------|---|---|--|
| A | Is the protective casing free from apparent damage and able to be secured? | X | |
| B | Is the casing free of degradation or deterioration? | X | |
| C | Does the casing have a functioning weep hole? | X | |
| D | Is the annular space between the casings clear of debris and water, or filled with pea gravel/sand? | X | |
| E | Is the well locked and is the lock in good condition? | X | |

3) Surface Pad

- | | | | |
|----------|---|---|--|
| A | Is the well pad in good condition (not cracked/broken)? | X | |
| B | Is the well pad sloped away from the protective casing? | X | |
| C | Is the well pad in complete contact with the ground surface and stable? | X | |
| D | Is the well pad in complete contact with the protective casing? | X | |
| E | Is the pad surface clean (not covered with sediment or debris)? | X | |

4) Internal Casing

- | | | | |
|----------|---|---|--|
| A | Does the cap prevent entry of foreign material into the well? | X | |
| B | Is the casing free of kinks/bends, or any obstructions from foreign objects (such as bailers)? | X | |
| C | Is the well properly vented for equilibration of air pressure? | X | |
| D | Is the survey point clearly marked on the inner casing? | X | |
| E | Is the depth of the well consistent with the original well log? | X | |
| F | Is the casing stable? (Does PVC move easily when touched or can be taken apart by hand due to lack of grout or use of slip couplings in construction) | X | |

5) Sampling: Groundwater Wells Only

- | | | | |
|----------|--|---|--|
| A | Does water recharge adequately when purged? | X | |
| B | If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater monitoring plan for the facility? | X | |
| C | Does the well require redevelopment (low flow/turbidity)? | X | |

6) Based on professional judgement, is the well construction / location appropriate to **1)** achieve the objectives of the Groundwater Monitoring Program and **2)** comply with the applicable regulatory requirements? X

7) Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name: Plant Scherer

Permit Number:

Well ID: GWA-49

Date: 2/8/22

Yes	No	N/A
-----	----	-----

1) Location/Identification

- | | | | |
|----------|--|---|--|
| A | Is the well visible and accessible? | X | |
| B | Is the well properly identified with correct well ID? | X | |
| C | Is the well in a high traffic area and does the well require protection from traffic? | X | |
| D | Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) | X | |

2) Protective Casing

- | | | | |
|----------|---|---|--|
| A | Is the protective casing free from apparent damage and able to be secured? | X | |
| B | Is the casing free of degradation or deterioration? | X | |
| C | Does the casing have a functioning weep hole? | X | |
| D | Is the annular space between the casings clear of debris and water, or filled with pea gravel/sand? | X | |
| E | Is the well locked and is the lock in good condition? | X | |

3) Surface Pad

- | | | | |
|----------|---|---|--|
| A | Is the well pad in good condition (not cracked/broken)? | X | |
| B | Is the well pad sloped away from the protective casing? | X | |
| C | Is the well pad in complete contact with the ground surface and stable? | X | |
| D | Is the well pad in complete contact with the protective casing? | X | |
| E | Is the pad surface clean (not covered with sediment or debris)? | X | |

4) Internal Casing

- | | | | |
|----------|---|---|--|
| A | Does the cap prevent entry of foreign material into the well? | X | |
| B | Is the casing free of kinks/bends, or any obstructions from foreign objects (such as bailers)? | X | |
| C | Is the well properly vented for equilibration of air pressure? | X | |
| D | Is the survey point clearly marked on the inner casing? | X | |
| E | Is the depth of the well consistent with the original well log? | X | |
| F | Is the casing stable? (Does PVC move easily when touched or can be taken apart by hand due to lack of grout or use of slip couplings in construction) | X | |

5) Sampling: Groundwater Wells Only

- | | | | |
|----------|--|---|--|
| A | Does water recharge adequately when purged? | X | |
| B | If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater monitoring plan for the facility? | X | |
| C | Does the well require redevelopment (low flow/turbidity)? | X | |

6) Based on professional judgement, is the well construction / location appropriate to **1)** achieve the objectives of the Groundwater Monitoring Program and **2)** comply with the applicable regulatory requirements? X

7) Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name: Plant Scherer

Permit Number:

Well ID: GWC-50

Date: 2/8/22

Yes	No	N/A
-----	----	-----

1) Location/Identification

- | | | | |
|----------|--|---|--|
| A | Is the well visible and accessible? | X | |
| B | Is the well properly identified with correct well ID? | X | |
| C | Is the well in a high traffic area and does the well require protection from traffic? | X | |
| D | Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) | X | |

2) Protective Casing

- | | | | |
|----------|---|---|--|
| A | Is the protective casing free from apparent damage and able to be secured? | X | |
| B | Is the casing free of degradation or deterioration? | X | |
| C | Does the casing have a functioning weep hole? | X | |
| D | Is the annular space between the casings clear of debris and water, or filled with pea gravel/sand? | X | |
| E | Is the well locked and is the lock in good condition? | X | |

3) Surface Pad

- | | | | |
|----------|---|---|--|
| A | Is the well pad in good condition (not cracked/broken)? | X | |
| B | Is the well pad sloped away from the protective casing? | X | |
| C | Is the well pad in complete contact with the ground surface and stable? | X | |
| D | Is the well pad in complete contact with the protective casing? | X | |
| E | Is the pad surface clean (not covered with sediment or debris)? | X | |

4) Internal Casing

- | | | | |
|----------|---|---|--|
| A | Does the cap prevent entry of foreign material into the well? | X | |
| B | Is the casing free of kinks/bends, or any obstructions from foreign objects (such as bailers)? | X | |
| C | Is the well properly vented for equilibration of air pressure? | X | |
| D | Is the survey point clearly marked on the inner casing? | X | |
| E | Is the depth of the well consistent with the original well log? | X | |
| F | Is the casing stable? (Does PVC move easily when touched or can be taken apart by hand due to lack of grout or use of slip couplings in construction) | X | |

5) Sampling: Groundwater Wells Only

- | | | | |
|----------|--|---|--|
| A | Does water recharge adequately when purged? | X | |
| B | If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater monitoring plan for the facility? | X | |
| C | Does the well require redevelopment (low flow/turbidity)? | X | |

6) Based on professional judgement, is the well construction / location appropriate to **1)** achieve the objectives of the Groundwater Monitoring Program and **2)** comply with the applicable regulatory requirements? X

7) Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name: Plant Scherer

Permit Number:

Well ID: GWC-51

Date: 2/8/22

Yes	No	N/A
-----	----	-----

1) Location/Identification

- | | | | |
|----------|--|---|---|
| A | Is the well visible and accessible? | X | |
| B | Is the well properly identified with correct well ID? | X | |
| C | Is the well in a high traffic area and does the well require protection from traffic? | | X |
| D | Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) | X | |

2) Protective Casing

- | | | | |
|----------|---|---|--|
| A | Is the protective casing free from apparent damage and able to be secured? | X | |
| B | Is the casing free of degradation or deterioration? | X | |
| C | Does the casing have a functioning weep hole? | X | |
| D | Is the annular space between the casings clear of debris and water, or filled with pea gravel/sand? | X | |
| E | Is the well locked and is the lock in good condition? | X | |

3) Surface Pad

- | | | | |
|----------|---|---|--|
| A | Is the well pad in good condition (not cracked/broken)? | X | |
| B | Is the well pad sloped away from the protective casing? | X | |
| C | Is the well pad in complete contact with the ground surface and stable? | X | |
| D | Is the well pad in complete contact with the protective casing? | X | |
| E | Is the pad surface clean (not covered with sediment or debris)? | X | |

4) Internal Casing

- | | | | |
|----------|---|---|--|
| A | Does the cap prevent entry of foreign material into the well? | X | |
| B | Is the casing free of kinks/bends, or any obstructions from foreign objects (such as bailers)? | X | |
| C | Is the well properly vented for equilibration of air pressure? | X | |
| D | Is the survey point clearly marked on the inner casing? | X | |
| E | Is the depth of the well consistent with the original well log? | X | |
| F | Is the casing stable? (Does PVC move easily when touched or can be taken apart by hand due to lack of grout or use of slip couplings in construction) | X | |

5) Sampling: Groundwater Wells Only

- | | | | |
|----------|--|---|---|
| A | Does water recharge adequately when purged? | X | |
| B | If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater monitoring plan for the facility? | X | |
| C | Does the well require redevelopment (low flow/turbidity)? | | X |

6) Based on professional judgement, is the well construction / location appropriate to **1)** achieve the objectives of the Groundwater Monitoring Program and **2)** comply with the applicable regulatory requirements? X

7) Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name: Plant Scherer

Permit Number:

Well ID: GWC-52

Date: 2/8/22

Yes	No	N/A
-----	----	-----

1) Location/Identification

- | | | | |
|----------|--|---|--|
| A | Is the well visible and accessible? | X | |
| B | Is the well properly identified with correct well ID? | X | |
| C | Is the well in a high traffic area and does the well require protection from traffic? | X | |
| D | Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) | X | |

2) Protective Casing

- | | | | |
|----------|---|---|--|
| A | Is the protective casing free from apparent damage and able to be secured? | X | |
| B | Is the casing free of degradation or deterioration? | X | |
| C | Does the casing have a functioning weep hole? | X | |
| D | Is the annular space between the casings clear of debris and water, or filled with pea gravel/sand? | X | |
| E | Is the well locked and is the lock in good condition? | X | |

3) Surface Pad

- | | | | |
|----------|---|---|--|
| A | Is the well pad in good condition (not cracked/broken)? | X | |
| B | Is the well pad sloped away from the protective casing? | X | |
| C | Is the well pad in complete contact with the ground surface and stable? | X | |
| D | Is the well pad in complete contact with the protective casing? | X | |
| E | Is the pad surface clean (not covered with sediment or debris)? | X | |

4) Internal Casing

- | | | | |
|----------|---|---|--|
| A | Does the cap prevent entry of foreign material into the well? | X | |
| B | Is the casing free of kinks/bends, or any obstructions from foreign objects (such as bailers)? | X | |
| C | Is the well properly vented for equilibration of air pressure? | X | |
| D | Is the survey point clearly marked on the inner casing? | X | |
| E | Is the depth of the well consistent with the original well log? | X | |
| F | Is the casing stable? (Does PVC move easily when touched or can be taken apart by hand due to lack of grout or use of slip couplings in construction) | X | |

5) Sampling: Groundwater Wells Only

- | | | | |
|----------|--|---|--|
| A | Does water recharge adequately when purged? | X | |
| B | If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater monitoring plan for the facility? | X | |
| C | Does the well require redevelopment (low flow/turbidity)? | X | |

6) Based on professional judgement, is the well construction / location appropriate to **1)** achieve the objectives of the Groundwater Monitoring Program and **2)** comply with the applicable regulatory requirements? X

7) Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name: Plant Scherer

Permit Number:

Well ID: GWC-53

Date: 2/8/22

Yes	No	N/A
-----	----	-----

1) Location/Identification

- | | | | |
|----------|--|---|--|
| A | Is the well visible and accessible? | X | |
| B | Is the well properly identified with correct well ID? | X | |
| C | Is the well in a high traffic area and does the well require protection from traffic? | X | |
| D | Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) | X | |

2) Protective Casing

- | | | | |
|----------|---|---|--|
| A | Is the protective casing free from apparent damage and able to be secured? | X | |
| B | Is the casing free of degradation or deterioration? | X | |
| C | Does the casing have a functioning weep hole? | X | |
| D | Is the annular space between the casings clear of debris and water, or filled with pea gravel/sand? | X | |
| E | Is the well locked and is the lock in good condition? | X | |

3) Surface Pad

- | | | | |
|----------|---|---|--|
| A | Is the well pad in good condition (not cracked/broken)? | X | |
| B | Is the well pad sloped away from the protective casing? | X | |
| C | Is the well pad in complete contact with the ground surface and stable? | X | |
| D | Is the well pad in complete contact with the protective casing? | X | |
| E | Is the pad surface clean (not covered with sediment or debris)? | X | |

4) Internal Casing

- | | | | |
|----------|---|---|--|
| A | Does the cap prevent entry of foreign material into the well? | X | |
| B | Is the casing free of kinks/bends, or any obstructions from foreign objects (such as bailers)? | X | |
| C | Is the well properly vented for equilibration of air pressure? | X | |
| D | Is the survey point clearly marked on the inner casing? | X | |
| E | Is the depth of the well consistent with the original well log? | X | |
| F | Is the casing stable? (Does PVC move easily when touched or can be taken apart by hand due to lack of grout or use of slip couplings in construction) | X | |

5) Sampling: Groundwater Wells Only

- | | | | |
|----------|--|---|--|
| A | Does water recharge adequately when purged? | X | |
| B | If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater monitoring plan for the facility? | X | |
| C | Does the well require redevelopment (low flow/turbidity)? | X | |

6) Based on professional judgement, is the well construction / location appropriate to **1)** achieve the objectives of the Groundwater Monitoring Program and **2)** comply with the applicable regulatory requirements? X

7) Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

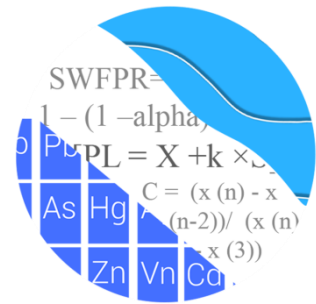
APPENDIX D

Statistical Analyses

GROUNDWATER STATS CONSULTING

August 31, 2022

Southern Company Services
Attn: Mr. Joju Abraham
241 Ralph McGill Blvd NE, Bin 10160
Atlanta, Georgia 30308-3374



Re: Plant Scherer Cell 1 Landfill
Statistical Analysis – February 2022 Sample Event

Dear Mr. Abraham,

Groundwater Stats Consulting, formerly the statistical consulting division of Sanitas Technologies, is pleased to provide the groundwater statistical analysis for the 2022 1st Semi-Annual Groundwater Monitoring Statistical Analysis 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 to 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.

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 well/constituent pairs with 100% non-detects follows this letter. Due to varying detection limits in background 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. However, in the time series plots, a single reporting limit substitution is used across all wells for a given parameter since the wells are plotted as a group.

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 and

demonstrated 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. For the state parameters, it is assumed a minimum of 14 background samples are available to provide adequate statistical power using a 1-of-2 resample plan. 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 in background, 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. 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 re-evaluated when a minimum of 4 new data points are 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 natural 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 natural 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 natural 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 natural 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 natural 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 will result in statistical limits representative of present-day 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 follows this letter. 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 result in a statistically significant decreasing trend. Prediction limits may resume when at least 8 measurements return 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 are 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 – Georgia EPD Appendix I and CCR Appendix III – June 2021

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 with no spurious measurements compared to the previously screened historical data sets; therefore, no new outliers were flagged except for a high value for sulfate at well GWC-13 and the historic highest values for chloride and sulfate at GWC-5. These values 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 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 October 2018 to the new compliance samples at each well through September 2020. 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 the background update report. 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. 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 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. 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.

Prediction Limits - Appendix I & III Constituents – February 2022

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, and selenium at well GWC-5, which uses a trend test in lieu of a prediction limit. 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 natural 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 Golder Associates.

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 will initially be selected for the statistical method until further evidence shows that concentrations are due to natural 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 September 2020, 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 constituent (boron, calcium, chloride, fluoride, pH, sulfate, and TDS) (Figures D & E, respectively). As previously discussed, no statistical analyses were included for well/constituent pairs containing 100% non-detects.

Note that the statistical limits for fluoride in downgradient wells GWC-11 and GWC-13 changed slightly during this analysis due to the substitution of the most recent reporting limit of 0.1 mg/L (previously 0.082 mg/L) for all historical non-detects. Similarly, the statistical limit for cobalt in downgradient well GWC-3 changed slightly due to the substitution of the most recent reporting limit of 0.0025 mg/L (previously 0.0004 mg/L). These changes did not have any significant impact on the statistical analysis as there are no reported observations detected above the reporting limit in the data sets.

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. The following statistical exceedances were noted for the intrawell prediction limits:

Appendix I

- Barium: GWC-4, GWC-10, and GWC-19
- Cobalt: GWA-15

Appendix III

- Calcium: GWC-8A
- Chloride: GWA-15 (upgradient), GWC-7, and GWC-10
- Fluoride: GWC-1 and GWC-5
- pH: GWC-1, GWC-5, GWC-18, and GWC-20
- Sulfate: GWC-1, GWC-4, and GWC-10

Two-Step Approach

Following the two-step analysis procedure discussed above, interwell prediction limits were then constructed using pooled upgradient well data to evaluate the Appendix I and III apparent intrawell prediction limit exceedances (Figures F and G, respectively). The following statistical exceedances were noted for the interwell prediction limits:

Appendix I

- Barium: GWC-4

Appendix III

- Calcium: GWC-8A
- Fluoride: GWC-1 and GWC-5
- pH: GWC-1, GWC-18, and GWC-20
- Sulfate: GWC-4 and GWC-10

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 2022 to develop background limits for arsenic and silver (Figure H). 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 each time after careful 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 are 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 to determine whether concentrations are significantly increasing, decreasing, or stable. Upgradient wells are included in the trend analyses to identify whether similar patterns exist upgradient of the site which is an indication of natural variability in groundwater unrelated to practices at the site.

As recommended during the previous screening, trend tests were used in lieu of prediction limits for selenium at well GWC-5. The trend test for selenium at well GWC-5 is included with the trend test section for Appendix I and III prediction limit exceedances (Figure I). While no statistically significant trend is present for selenium at well GWC-5

when the entire record is evaluated, concentrations exhibit a decreasing trend based on the most recent 8 measurements. Reported concentrations since September 2020 are below the historical reporting limit of 0.01 mg/L and the established Maximum Contaminant Level of 0.05 mg/L. Although current concentrations have recently returned to historical levels, data will continue to be monitored using the trend analysis. Intrawell prediction limits may resume when a minimum of the most recent 8 measurements have stabilized to ensure the statistical limit is conservative from a regulatory perspective. During the next background update, this well/constituent pair will be screened for the purpose of constructing a statistical limit for selenium. 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, GWC-10, and GWC-19
- Calcium: GWC-8A
- Chloride: GWC-10
- pH: GWA-17 (upgradient)
- Sulfate: GWC-10

Decreasing:

- Barium: GWA-16 and GWA-17 (both upgradient)
- Chloride: GWA-17 (upgradient)

Resample Reports – May 2022

Additional data were collected in May 2022 based on the two-step approach for barium at well GWC-4, fluoride at wells GWC-1 and GWC-5, pH at wells GWC-1, GWC-4, GWC-5, GWC-10, GWC-18, and GWC-20, and sulfate at wells GWC-4 and GWC-10. Intrawell prediction limits were constructed using background data through September 2020 to compare the May 2022 samples for Appendix I and III parameters (Figures J and K, respectively). Exceedances were identified for barium in downgradient well GWC-4 and for sulfate in downgradient wells GWC-4 and GWC-10.

In accordance with the two-step approach, interwell prediction limits were constructed to evaluate the apparent exceedance for barium at downgradient well GWC-4 and sulfate at downgradient wells GWC-4 and GWC-10. The reported measurements of barium and sulfate at GWC-4 exceeded the respective interwell prediction limits (Figures L and M, respectively).

Summary

Based on the results of the two-step approach, apparent intrawell prediction limit exceedances also exceeded the interwell prediction limits for the following well/constituent pairs:

Appendix I

- Barium: GWC-4

Appendix III

- Calcium: GWC-8A
- Sulfate: 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

100% Non-Detects: Appendix I Downgradient - Interwell

Analysis Run 4/8/2022 10:13 AM View: Appendix I - Interwell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Silver (mg/L)

GWC-10, GWC-11, GWC-12, GWC-14, GWC-18, GWC-19, GWC-2, GWC-20, GWC-3, GWC-4, GWC-5, GWC-7, GWC-8A, GWC-9

100% Non-Detects: Appendix I - Intrawell

Analysis Run 4/8/2022 9:30 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Antimony, Total (mg/L)

GWA-15, GWA-17, GWC-1, GWC-10, GWC-11, GWC-13, GWC-14, GWC-20, GWC-4, GWC-5, GWC-6, GWC-8A, GWC-9

Beryllium, Total (mg/L)

GWA-15, GWA-16, GWC-1, GWC-10, GWC-11, GWC-12, GWC-13, GWC-14, GWC-18, GWC-19, GWC-2, GWC-20, GWC-3, GWC-4, GWC-6, GWC-9

Cadmium, Total (mg/L)

GWA-15, GWA-16, GWC-1, GWC-10, GWC-12, GWC-13, GWC-14, GWC-18, GWC-19, GWC-20, GWC-3, GWC-4, GWC-5, GWC-6, GWC-7, GWC-9

Cobalt, Total (mg/L)

GWC-10, GWC-13, GWC-14

Copper (mg/L)

GWA-15, GWC-10, GWC-12, GWC-19, GWC-5

Lead, Total (mg/L)

GWA-15, GWC-12

Mercury (mg/L)

GWC-12

Nickel (mg/L)

GWC-14

Selenium, Total (mg/L)

GWC-13, GWC-20

Thallium, Total (mg/L)

GWC-10, GWC-11, GWC-12, GWC-13, GWC-14, GWC-18, GWC-20, GWC-3

100% Non-Detects: Appendix III

Analysis Run 4/8/2022 9:54 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Boron (mg/L)

GWA-15, GWA-16, GWC-10, GWC-11, GWC-12, GWC-14, GWC-18, GWC-19, GWC-2, GWC-20, GWC-4

Date Ranges

Date: 4/8/2022 9:24 AM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Barium, Total (mg/L)

GWC-10 background:5/10/2010-10/2/2018

GWC-13 background:5/9/2010-10/3/2018

GWC-19 background:5/11/2010-10/2/2018

Calcium (mg/L)

GWC-8A background:4/19/2016-10/4/2018

Chromium, Total (mg/L)

GWC-10 background:5/10/2010-10/2/2018

Lead, Total (mg/L)

background:4/6/2016-9/15/2020

Sulfate (mg/L)

GWC-10 background:4/13/2016-10/2/2018

Appendix I Intrawell Prediction Limits - Significant Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 4/8/2022, 9:48 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NBg	Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method
Barium, Total (mg/L)	GWC-10	0.03499	n/a	2/15/2022	0.036	Yes	25	0.02434	0.004121	8	None	No	0.0001937	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-19	0.01999	n/a	2/16/2022	0.027	Yes	25	9.0e-8	2.7e-8	4	None	x^4	0.0001937	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-4	0.05318	n/a	2/15/2022	0.055	Yes	29	0.0383	0.005897	0	None	No	0.0001937	Param Intra 1 of 2
Cobalt, Total (mg/L)	GWA-15	0.0025	n/a	2/15/2022	0.0029	Yes	28	n/a	n/a	53.57	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 4/8/2022, 9:48 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Obsrv.	Sig.	Bg	NBg	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Antimony, Total (mg/L)	GWA-16	0.002	n/a	2/15/2022	0.002ND	No	29	n/a	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Antimony, Total (mg/L)	GWC-12	0.002	n/a	2/16/2022	0.002ND	No	29	n/a	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Antimony, Total (mg/L)	GWC-18	0.002	n/a	2/16/2022	0.002ND	No	29	n/a	n/a	n/a	93.1	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Antimony, Total (mg/L)	GWC-19	0.002	n/a	2/16/2022	0.002ND	No	29	n/a	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Antimony, Total (mg/L)	GWC-2	0.002	n/a	2/15/2022	0.002ND	No	29	n/a	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Antimony, Total (mg/L)	GWC-3	0.002	n/a	2/15/2022	0.002ND	No	29	n/a	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Antimony, Total (mg/L)	GWC-7	0.002	n/a	2/15/2022	0.002ND	No	29	n/a	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Barium, Total (mg/L)	GWA-15	0.01222	n/a	2/15/2022	0.012	No	29	1.0e-6	3.3e-7	3.448	None		x^3	0.0001937	Param Intra 1 of 2
Barium, Total (mg/L)	GWA-16	0.039	n/a	2/15/2022	0.024	No	29	n/a	n/a	0	n/a	n/a	n/a	0.002172	NP Intra (normality) 1 of 2
Barium, Total (mg/L)	GWA-17	0.05168	n/a	2/15/2022	0.031	No	29	0.03311	0.007355	3.448	None		No	0.0001937	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-1	0.05736	n/a	2/15/2022	0.052	No	29	0.04657	0.004275	0	None		No	0.0001937	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-10	0.03499	n/a	2/15/2022	0.036	Yes	25	0.02434	0.004121	8	None		No	0.0001937	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-11	0.02014	n/a	2/16/2022	0.018	No	29	0.000004282	0.000001538	6.897	None		x^3	0.0001937	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-12	0.02024	n/a	2/16/2022	0.018	No	29	0.0002401	0.00006713	6.897	None		x^2	0.0001937	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-13	0.04187	n/a	2/16/2022	0.035	No	25	0.3096	0.01457	0	None		x^(1/3)	0.0001937	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-14	0.01121	n/a	2/16/2022	0.011	No	27	8.3e-7	2.3e-7	3.704	None		x^3	0.0001937	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-18	0.04194	n/a	2/16/2022	0.034	No	29	0.0000432	0.00001211	3.448	None		x^3	0.0001937	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-19	0.01999	n/a	2/16/2022	0.027	Yes	25	9.0e-8	2.7e-8	4	None		x^4	0.0001937	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-2	0.05512	n/a	2/15/2022	0.048	No	29	0.04531	0.003886	0	None		No	0.0001937	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-20	0.03633	n/a	2/16/2022	0.03	No	29	0.00002787	0.00000795	3.448	None		x^3	0.0001937	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-3	0.039	n/a	2/15/2022	0.013	No	28	n/a	n/a	3.571	n/a	n/a	n/a	0.002337	NP Intra (normality) 1 of 2
Barium, Total (mg/L)	GWC-4	0.05318	n/a	2/15/2022	0.055	Yes	29	0.0383	0.005897	0	None		No	0.0001937	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-5	0.1279	n/a	2/15/2022	0.038	No	29	0.1968	0.06373	0	None		sqrt(x)	0.0001937	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-6	0.06608	n/a	2/15/2022	0.057	No	29	0.05388	0.004831	0	None		No	0.0001937	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-7	0.04238	n/a	2/15/2022	0.035	No	29	0.03227	0.004007	0	None		No	0.0001937	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-8A	0.1198	n/a	2/15/2022	0.048	No	29	0.2032	0.05658	0	None		sqrt(x)	0.0001937	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-9	0.03624	n/a	2/15/2022	0.023	No	29	0.02271	0.005359	3.448	None		No	0.0001937	Param Intra 1 of 2
Beryllium, Total (mg/L)	GWA-17	0.0025	n/a	2/15/2022	0.0025ND	No	29	n/a	n/a	96.55	n/a	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Beryllium, Total (mg/L)	GWC-5	0.0025	n/a	2/15/2022	0.0025ND	No	29	n/a	n/a	100	n/a	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Beryllium, Total (mg/L)	GWC-7	0.0025	n/a	2/15/2022	0.0025ND	No	29	n/a	n/a	96.55	n/a	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Beryllium, Total (mg/L)	GWC-8A	0.0025	n/a	2/15/2022	0.0025ND	No	29	n/a	n/a	100	n/a	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Cadmium, Total (mg/L)	GWA-17	0.0025	n/a	2/15/2022	0.0025ND	No	29	n/a	n/a	96.55	n/a	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Cadmium, Total (mg/L)	GWC-11	0.0025	n/a	2/16/2022	0.0025ND	No	29	n/a	n/a	96.55	n/a	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Cadmium, Total (mg/L)	GWC-2	0.0025	n/a	2/15/2022	0.0025ND	No	29	n/a	n/a	100	n/a	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Cadmium, Total (mg/L)	GWC-8A	0.0025	n/a	2/15/2022	0.0025ND	No	29	n/a	n/a	75.86	n/a	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Chromium, Total (mg/L)	GWA-15	0.0036	n/a	2/15/2022	0.002ND	No	29	n/a	n/a	93.1	n/a	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Chromium, Total (mg/L)	GWA-16	0.008833	n/a	2/15/2022	0.0056	No	29	0.06962	0.009652	3.448	None		sqrt(x)	0.0001937	Param Intra 1 of 2
Chromium, Total (mg/L)	GWA-17	0.0117	n/a	2/15/2022	0.0084	No	29	0.007027	0.001851	3.448	None		No	0.0001937	Param Intra 1 of 2
Chromium, Total (mg/L)	GWC-1	0.01967	n/a	2/15/2022	0.011	No	29	0.01183	0.003104	0	None		No	0.0001937	Param Intra 1 of 2
Chromium, Total (mg/L)	GWC-10	0.02162	n/a	2/15/2022	0.021	No	25	0.01381	0.003022	0	None		No	0.0001937	Param Intra 1 of 2
Chromium, Total (mg/L)	GWC-11	0.012	n/a	2/16/2022	0.0074	No	29	n/a	n/a	3.448	n/a	n/a	n/a	0.002172	NP Intra (normality) 1 of 2
Chromium, Total (mg/L)	GWC-12	0.0036	n/a	2/16/2022	0.002ND	No	29	n/a	n/a	41.38	n/a	n/a	n/a	0.002172	NP Intra (normality) 1 of 2
Chromium, Total (mg/L)	GWC-13	0.009035	n/a	2/16/2022	0.005	No	28	0.06874	0.01036	0	None		sqrt(x)	0.0001937	Param Intra 1 of 2
Chromium, Total (mg/L)	GWC-14	0.0038	n/a	2/16/2022	0.002ND	No	29	n/a	n/a	89.66	n/a	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Chromium, Total (mg/L)	GWC-18	0.02	n/a	2/16/2022	0.012	No	29	n/a	n/a	0	n/a	n/a	n/a	0.002172	NP Intra (normality) 1 of 2
Chromium, Total (mg/L)	GWC-19	0.01516	n/a	2/16/2022	0.011	No	29	0.009037	0.002426	3.448	None		No	0.0001937	Param Intra 1 of 2
Chromium, Total (mg/L)	GWC-2	0.01406	n/a	2/15/2022	0.011	No	29	0.009993	0.00161	6.897	None		No	0.0001937	Param Intra 1 of 2
Chromium, Total (mg/L)	GWC-20	0.01426	n/a	2/16/2022	0.0081	No	29	0.009105	0.002041	6.897	None		No	0.0001937	Param Intra 1 of 2
Chromium, Total (mg/L)	GWC-3	0.022	n/a	2/15/2022	0.0076	No	28	n/a	n/a	3.571	n/a	n/a	n/a	0.002337	NP Intra (normality) 1 of 2
Chromium, Total (mg/L)	GWC-4	0.01042	n/a	2/15/2022	0.0041	No	29	0.006141	0.001695	3.448	None		No	0.0001937	Param Intra 1 of 2
Chromium, Total (mg/L)	GWC-5	0.01111	n/a	2/15/2022	0.0061	No	29	-5.492	0.393	3.448	None		ln(x)	0.0001937	Param Intra 1 of 2
Chromium, Total (mg/L)	GWC-6	0.012	n/a	2/15/2022	0.0046	No	29	n/a	n/a	6.897	n/a	n/a	n/a	0.002172	NP Intra (normality) 1 of 2
Chromium, Total (mg/L)	GWC-7	0.01648	n/a	2/15/2022	0.0088	No	29	-4.614	0.2014	0	None		ln(x)	0.0001937	Param Intra 1 of 2
Chromium, Total (mg/L)	GWC-8A	0.023	n/a	2/15/2022	0.002ND	No	28	n/a	n/a	39.29	n/a	n/a	n/a	0.002337	NP Intra (normality) 1 of 2
Chromium, Total (mg/L)	GWC-9	0.01258	n/a	2/15/2022	0.0079	No	29	0.007675	0.001942	3.448	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-CCR Printed 4/8/2022, 9:48 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	N Bg	Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method
Cobalt, Total (mg/L)	GWA-15	0.0025	n/a	2/15/2022	0.0029	Yes	28	n/a	n/a	n/a	53.57	n/a	n/a	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWA-16	0.0025	n/a	2/15/2022	0.0025ND	No	28	n/a	n/a	n/a	89.29	n/a	n/a	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWA-17	0.0025	n/a	2/15/2022	0.0025ND	No	29	n/a	n/a	n/a	89.66	n/a	n/a	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-1	0.0025	n/a	2/15/2022	0.0025ND	No	29	n/a	n/a	n/a	96.55	n/a	n/a	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-11	0.0025	n/a	2/16/2022	0.0025ND	No	29	n/a	n/a	n/a	96.55	n/a	n/a	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-12	0.00057	n/a	2/16/2022	0.00033J	No	29	n/a	n/a	n/a	72.41	n/a	n/a	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-18	0.0025	n/a	2/16/2022	0.0025ND	No	28	n/a	n/a	n/a	89.29	n/a	n/a	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-19	0.0025	n/a	2/16/2022	0.0025ND	No	29	n/a	n/a	n/a	93.1	n/a	n/a	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-2	0.0025	n/a	2/15/2022	0.0025ND	No	29	n/a	n/a	n/a	96.55	n/a	n/a	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-20	0.0025	n/a	2/16/2022	0.0025ND	No	29	n/a	n/a	n/a	82.76	n/a	n/a	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-3	0.0025	n/a	2/15/2022	0.0025ND	No	27	n/a	n/a	n/a	77.78	n/a	n/a	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-4	0.0025	n/a	2/15/2022	0.0025ND	No	29	n/a	n/a	n/a	82.76	n/a	n/a	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-5	0.0025	n/a	2/15/2022	0.0025ND	No	29	n/a	n/a	n/a	96.55	n/a	n/a	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-6	0.0025	n/a	2/15/2022	0.0025ND	No	29	n/a	n/a	n/a	93.1	n/a	n/a	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-7	0.0025	n/a	2/15/2022	0.0025ND	No	29	n/a	n/a	n/a	86.21	n/a	n/a	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-8A	0.0046	n/a	2/15/2022	0.0037	No	26	n/a	n/a	n/a	50	n/a	n/a	NP Intra (normality) 1 of 2
Cobalt, Total (mg/L)	GWC-9	0.0025	n/a	2/15/2022	0.0025ND	No	29	n/a	n/a	n/a	93.1	n/a	n/a	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-16	0.002	n/a	2/15/2022	0.002ND	No	24	n/a	n/a	n/a	95.83	n/a	n/a	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-17	0.002	n/a	2/15/2022	0.002ND	No	24	n/a	n/a	n/a	95.83	n/a	n/a	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-1	0.002	n/a	2/15/2022	0.0013J	No	24	n/a	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-11	0.0021	n/a	2/16/2022	0.002ND	No	24	n/a	n/a	n/a	91.67	n/a	n/a	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-13	0.0024	n/a	2/16/2022	0.002ND	No	24	n/a	n/a	n/a	95.83	n/a	n/a	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-14	0.0021	n/a	2/16/2022	0.002ND	No	24	n/a	n/a	n/a	95.83	n/a	n/a	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-18	0.0025	n/a	2/16/2022	0.002ND	No	24	n/a	n/a	n/a	83.33	n/a	n/a	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-2	0.002	n/a	2/15/2022	0.0013J	No	24	n/a	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-20	0.0021	n/a	2/16/2022	0.002ND	No	23	n/a	n/a	n/a	95.65	n/a	n/a	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-3	0.0042	n/a	2/15/2022	0.0013J	No	23	n/a	n/a	n/a	78.26	n/a	n/a	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-4	0.0039	n/a	2/15/2022	0.0011J	No	24	n/a	n/a	n/a	50	n/a	n/a	NP Intra (normality) 1 of 2
Copper (mg/L)	GWC-6	0.0037	n/a	2/15/2022	0.002ND	No	24	n/a	n/a	n/a	83.33	n/a	n/a	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-7	0.0026	n/a	2/15/2022	0.002ND	No	23	n/a	n/a	n/a	73.91	n/a	n/a	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-8A	0.18	n/a	2/15/2022	0.002ND	No	24	n/a	n/a	n/a	33.33	n/a	n/a	NP Intra (normality) 1 of 2
Copper (mg/L)	GWC-9	0.0038	n/a	2/15/2022	0.002ND	No	24	n/a	n/a	n/a	91.67	n/a	n/a	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWA-16	0.001	n/a	2/15/2022	0.001ND	No	15	n/a	n/a	n/a	93.33	n/a	n/a	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWA-17	0.001	n/a	2/15/2022	0.001ND	No	15	n/a	n/a	n/a	93.33	n/a	n/a	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-1	0.001	n/a	2/15/2022	0.001ND	No	15	n/a	n/a	n/a	86.67	n/a	n/a	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-10	0.001	n/a	2/15/2022	0.001ND	No	15	n/a	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-11	0.0017	n/a	2/16/2022	0.001ND	No	15	n/a	n/a	n/a	86.67	n/a	n/a	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-13	0.001	n/a	2/16/2022	0.001ND	No	15	n/a	n/a	n/a	93.33	n/a	n/a	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-14	0.001	n/a	2/16/2022	0.001ND	No	15	n/a	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-18	0.001	n/a	2/16/2022	0.001ND	No	15	n/a	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-19	0.0015	n/a	2/16/2022	0.001ND	No	15	n/a	n/a	n/a	86.67	n/a	n/a	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-2	0.001	n/a	2/15/2022	0.001ND	No	15	n/a	n/a	n/a	93.33	n/a	n/a	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-20	0.001	n/a	2/16/2022	0.001ND	No	15	n/a	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-3	0.001	n/a	2/15/2022	0.001ND	No	15	n/a	n/a	n/a	93.33	n/a	n/a	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-4	0.001	n/a	2/15/2022	0.001ND	No	15	n/a	n/a	n/a	93.33	n/a	n/a	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-5	0.001	n/a	2/15/2022	0.001ND	No	15	n/a	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-6	0.001	n/a	2/15/2022	0.001ND	No	15	n/a	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-7	0.001	n/a	2/15/2022	0.001ND	No	15	n/a	n/a	n/a	93.33	n/a	n/a	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-8A	0.0012	n/a	2/15/2022	0.001ND	No	15	n/a	n/a	n/a	86.67	n/a	n/a	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-9	0.001	n/a	2/15/2022	0.001ND	No	15	n/a	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-15	0.0002	n/a	2/15/2022	0.0002ND	No	29	n/a	n/a	n/a	93.1	n/a	n/a	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-16	0.0002	n/a	2/15/2022	0.0002ND	No	29	n/a	n/a	n/a	89.66	n/a	n/a	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-17	0.0002	n/a	2/15/2022	0.0002ND	No	29	n/a	n/a	n/a	89.66	n/a	n/a	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-1	0.0002	n/a	2/15/2022	0.0002ND	No	29	n/a	n/a	n/a	93.1	n/a	n/a	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-10	0.0002	n/a	2/15/2022	0.0002ND	No	29	n/a	n/a	n/a	89.66	n/a	n/a	NP Intra (NDs) 1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 4/8/2022, 9:48 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	N Bg	Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method	
Mercury (mg/L)	GWC-11	0.0002	n/a	2/16/2022	0.0002ND	No	29	n/a	n/a	n/a	93.1	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-13	0.0002	n/a	2/16/2022	0.0002ND	No	29	n/a	n/a	n/a	93.1	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-14	0.0002	n/a	2/16/2022	0.0002ND	No	29	n/a	n/a	n/a	93.1	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-18	0.0002	n/a	2/16/2022	0.0002ND	No	29	n/a	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-19	0.0002	n/a	2/16/2022	0.0002ND	No	29	n/a	n/a	n/a	93.1	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-2	0.0002	n/a	2/15/2022	0.0002ND	No	29	n/a	n/a	n/a	93.1	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-20	0.0002	n/a	2/16/2022	0.00015J	No	29	n/a	n/a	n/a	89.66	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-3	0.0002	n/a	2/15/2022	0.0002ND	No	29	n/a	n/a	n/a	89.66	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-4	0.0002	n/a	2/15/2022	0.0002ND	No	29	n/a	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-5	0.0002	n/a	2/15/2022	0.0002ND	No	29	n/a	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-6	0.0002	n/a	2/15/2022	0.0002ND	No	29	n/a	n/a	n/a	89.66	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-7	0.0002	n/a	2/15/2022	0.0002ND	No	29	n/a	n/a	n/a	89.66	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-8A	0.0002	n/a	2/15/2022	0.0002ND	No	29	n/a	n/a	n/a	82.76	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-9	0.0002	n/a	2/15/2022	0.0002ND	No	29	n/a	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-15	0.00202	n/a	2/15/2022	0.00065J	No	24	n/a	n/a	n/a	83.33	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-16	0.001	n/a	2/15/2022	0.001ND	No	23	n/a	n/a	n/a	95.65	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-17	0.0012	n/a	2/15/2022	0.001ND	No	24	n/a	n/a	n/a	91.67	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-1	0.0018	n/a	2/15/2022	0.00052J	No	23	n/a	n/a	n/a	86.96	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-10	0.00271	n/a	2/15/2022	0.0022	No	24	n/a	n/a	n/a	79.17	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-11	0.0018	n/a	2/16/2022	0.0007J	No	24	n/a	n/a	n/a	87.5	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-12	0.0018	n/a	2/16/2022	0.00076J	No	24	n/a	n/a	n/a	87.5	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-13	0.001	n/a	2/16/2022	0.001ND	No	24	n/a	n/a	n/a	87.5	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-18	0.001	n/a	2/16/2022	0.001ND	No	23	n/a	n/a	n/a	86.96	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-19	0.0015	n/a	2/16/2022	0.001ND	No	23	n/a	n/a	n/a	86.96	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-2	0.0023	n/a	2/15/2022	0.0018	No	23	n/a	n/a	n/a	73.91	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-20	0.003	n/a	2/16/2022	0.00055J	No	23	n/a	n/a	n/a	78.26	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-3	0.0035	n/a	2/15/2022	0.0013	No	21	n/a	n/a	n/a	71.43	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-4	0.0036	n/a	2/15/2022	0.00076J	No	24	n/a	n/a	n/a	79.17	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-5	0.00268	n/a	2/15/2022	0.001	No	23	n/a	n/a	n/a	73.91	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-6	0.0053	n/a	2/15/2022	0.00089J	No	24	n/a	n/a	n/a	70.83	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-7	0.0044	n/a	2/15/2022	0.001ND	No	24	n/a	n/a	n/a	87.5	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-8A	0.0069	n/a	2/15/2022	0.0055	No	22	n/a	n/a	n/a	50	n/a	n/a	0.003707	NP Intra (normality) 1 of 2
Nickel (mg/L)	GWC-9	0.001	n/a	2/15/2022	0.001ND	No	24	n/a	n/a	n/a	91.67	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWA-15	0.005	n/a	2/15/2022	0.005ND	No	29	n/a	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWA-16	0.005	n/a	2/15/2022	0.005ND	No	29	n/a	n/a	n/a	89.66	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWA-17	0.005	n/a	2/15/2022	0.005ND	No	29	n/a	n/a	n/a	93.1	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-1	0.0053	n/a	2/15/2022	0.005ND	No	29	n/a	n/a	n/a	93.1	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-10	0.005	n/a	2/15/2022	0.005ND	No	29	n/a	n/a	n/a	93.1	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-11	0.005	n/a	2/16/2022	0.005ND	No	28	n/a	n/a	n/a	89.29	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-12	0.005	n/a	2/16/2022	0.005ND	No	29	n/a	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-14	0.0052	n/a	2/16/2022	0.005ND	No	29	n/a	n/a	n/a	93.1	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-18	0.005	n/a	2/16/2022	0.005ND	No	29	n/a	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-19	0.005	n/a	2/16/2022	0.005ND	No	29	n/a	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-2	0.005	n/a	2/15/2022	0.005ND	No	29	n/a	n/a	n/a	89.66	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-3	0.005	n/a	2/15/2022	0.005ND	No	29	n/a	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-4	0.005	n/a	2/15/2022	0.0013J	No	29	n/a	n/a	n/a	100	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-6	0.007	n/a	2/15/2022	0.005ND	No	29	n/a	n/a	n/a	75.86	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-7	0.0053	n/a	2/15/2022	0.005ND	No	29	n/a	n/a	n/a	93.1	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-8A	0.005	n/a	2/15/2022	0.005ND	No	29	n/a	n/a	n/a	86.21	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-9	0.0065	n/a	2/15/2022	0.005ND	No	29	n/a	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWA-15	0.001	n/a	2/15/2022	0.001ND	No	29	n/a	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWA-16	0.001	n/a	2/15/2022	0.001ND	No	29	n/a	n/a	n/a	93.1	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWA-17	0.001	n/a	2/15/2022	0.001ND	No	29	n/a	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWC-1	0.001	n/a	2/15/2022	0.001ND	No	29	n/a	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWC-19	0.001	n/a	2/16/2022	0.001ND	No	29	n/a	n/a	n/a	100	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 4/8/2022, 9:48 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NBg	Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method
Thallium, Total (mg/L)	GWC-2	0.001	n/a	2/15/2022	0.001ND	No	29	n/a	n/a	n/a	96.55	n/a	n/a	0.002172 NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWC-4	0.001	n/a	2/15/2022	0.001ND	No	29	n/a	n/a	n/a	96.55	n/a	n/a	0.002172 NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWC-5	0.001	n/a	2/15/2022	0.001ND	No	29	n/a	n/a	n/a	100	n/a	n/a	0.002172 NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWC-6	0.001	n/a	2/15/2022	0.001ND	No	29	n/a	n/a	n/a	100	n/a	n/a	0.002172 NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWC-7	0.001	n/a	2/15/2022	0.001ND	No	29	n/a	n/a	n/a	89.66	n/a	n/a	0.002172 NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWC-8A	0.001	n/a	2/15/2022	0.001ND	No	29	n/a	n/a	n/a	100	n/a	n/a	0.002172 NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWC-9	0.001	n/a	2/15/2022	0.001ND	No	29	n/a	n/a	n/a	100	n/a	n/a	0.002172 NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-15	0.0035	n/a	2/15/2022	0.001ND	No	24	n/a	n/a	n/a	79.17	n/a	n/a	0.003124 NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-16	0.01241	n/a	2/15/2022	0.0077	No	24	0.007244	0.001978	4.167	None	No	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWA-17	0.009964	n/a	2/15/2022	0.0052	No	24	0.06396	0.01374	16.67	Kaplan-Meiersqrt(x)	0.0001937	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-1	0.02568	n/a	2/15/2022	0.018	No	24	0.01527	0.003991	0	None	No	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-10	0.018	n/a	2/15/2022	0.012	No	24	0.01197	0.002311	0	None	No	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-11	0.01477	n/a	2/16/2022	0.0099	No	24	0.01047	0.001648	4.167	None	No	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-12	0.0052	n/a	2/16/2022	0.001ND	No	24	n/a	n/a	n/a	83.33	n/a	n/a	0.003124 NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-13	0.0062	n/a	2/16/2022	0.0011	No	24	n/a	n/a	n/a	70.83	n/a	n/a	0.003124 NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-14	0.0062	n/a	2/16/2022	0.00091J	No	24	n/a	n/a	n/a	83.33	n/a	n/a	0.003124 NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-18	0.01191	n/a	2/16/2022	0.0066	No	24	0.1875	0.01567	4.167	None	x^(1/3)	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-19	0.01075	n/a	2/16/2022	0.0068	No	24	0.007178	0.001371	0	None	No	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-2	0.02033	n/a	2/15/2022	0.016	No	24	0.01352	0.00261	4.167	None	No	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-20	0.02389	n/a	2/16/2022	0.018	No	24	0.01733	0.002514	4.167	None	No	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-3	0.01131	n/a	2/15/2022	0.0064	No	23	0.08012	0.009969	4.348	None	sqrt(x)	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-4	0.01219	n/a	2/15/2022	0.0059	No	24	0.007693	0.001725	4.167	None	No	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-5	0.006806	n/a	2/15/2022	0.0026	No	24	0.003039	0.001444	25	Kaplan-Meier	No	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-6	0.01371	n/a	2/15/2022	0.0094	No	24	0.008936	0.001829	4.167	None	No	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-7	0.01729	n/a	2/15/2022	0.013	No	24	0.0001713	0.0000489	4.167	None	x^2	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-8A	0.04443	n/a	2/15/2022	0.00079J	No	21	0.01412	0.01131	9.524	None	No	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-9	0.02794	n/a	2/15/2022	0.017	No	24	0.01653	0.004374	4.167	None	No	0.0001937	Param Intra 1 of 2
Zinc (mg/L)	GWA-15	0.006	n/a	2/15/2022	0.005ND	No	24	n/a	n/a	n/a	95.83	n/a	n/a	0.003124 NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-16	0.005	n/a	2/15/2022	0.005ND	No	24	n/a	n/a	n/a	95.83	n/a	n/a	0.003124 NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-17	0.0084	n/a	2/15/2022	0.005ND	No	24	n/a	n/a	n/a	87.5	n/a	n/a	0.003124 NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-1	0.005	n/a	2/15/2022	0.005ND	No	24	n/a	n/a	n/a	95.83	n/a	n/a	0.003124 NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-10	0.005	n/a	2/15/2022	0.005ND	No	24	n/a	n/a	n/a	95.83	n/a	n/a	0.003124 NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-11	0.018	n/a	2/16/2022	0.0034J	No	23	n/a	n/a	n/a	82.61	n/a	n/a	0.003415 NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-12	0.0065	n/a	2/16/2022	0.0032J	No	24	n/a	n/a	n/a	83.33	n/a	n/a	0.003124 NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-13	0.0085	n/a	2/16/2022	0.004J	No	24	n/a	n/a	n/a	79.17	n/a	n/a	0.003124 NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-14	0.005	n/a	2/16/2022	0.005ND	No	24	n/a	n/a	n/a	95.83	n/a	n/a	0.003124 NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-18	0.0077	n/a	2/16/2022	0.005ND	No	24	n/a	n/a	n/a	95.83	n/a	n/a	0.003124 NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-19	0.0059	n/a	2/16/2022	0.005ND	No	23	n/a	n/a	n/a	95.65	n/a	n/a	0.003415 NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-2	0.005	n/a	2/15/2022	0.005ND	No	24	n/a	n/a	n/a	95.83	n/a	n/a	0.003124 NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-20	0.0065	n/a	2/16/2022	0.005ND	No	24	n/a	n/a	n/a	95.83	n/a	n/a	0.003124 NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-3	0.0069	n/a	2/15/2022	0.005ND	No	21	n/a	n/a	n/a	95.24	n/a	n/a	0.003999 NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-4	0.006	n/a	2/15/2022	0.005ND	No	24	n/a	n/a	n/a	91.67	n/a	n/a	0.003124 NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-5	0.0089	n/a	2/15/2022	0.0034J	No	23	n/a	n/a	n/a	73.91	n/a	n/a	0.003415 NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-6	0.0062	n/a	2/15/2022	0.005ND	No	24	n/a	n/a	n/a	95.83	n/a	n/a	0.003124 NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-7	0.0074	n/a	2/15/2022	0.0037J	No	24	n/a	n/a	n/a	95.83	n/a	n/a	0.003124 NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-8A	0.085	n/a	2/15/2022	0.005ND	No	21	n/a	n/a	n/a	38.1	n/a	n/a	0.003999 NP Intra (normality) 1 of 2
Zinc (mg/L)	GWC-9	0.005	n/a	2/15/2022	0.005ND	No	24	n/a	n/a	n/a	95.83	n/a	n/a	0.003124 NP Intra (NDs) 1 of 2

Appendix III Intrawell Prediction Limits - Significant Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 4/8/2022, 10:03 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NB	Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method
Calcium (mg/L)	GWC-8A	45.47	n/a	2/15/2022	49	Yes	10	25.9	6.402	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWA-15	6.3	n/a	2/15/2022	6.5	Yes	15	n/a	n/a	0	n/a	n/a	0.007533	NP Intra (normality) 1 of 2
Chloride (mg/L)	GWC-10	4.3	n/a	2/15/2022	4.6	Yes	15	n/a	n/a	0	n/a	n/a	0.007533	NP Intra (normality) 1 of 2
Chloride (mg/L)	GWC-7	2.5	n/a	2/15/2022	2.7	Yes	15	n/a	n/a	0	n/a	n/a	0.007533	NP Intra (normality) 1 of 2
Fluoride (mg/L)	GWC-1	0.1091	n/a	2/15/2022	0.12	Yes	15	0.006016	0.00223	33.33	Kaplan-Meier	x^2	0.0004426	Param Intra 1 of 2
Fluoride (mg/L)	GWC-5	0.082	n/a	2/15/2022	0.16	Yes	15	n/a	n/a	66.67	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
pH (S.U.)	GWC-1	6.745	6.3	2/15/2022	6.83	Yes	18	6.522	0.08869	0	None	No	0.0002213	Param Intra 1 of 2
pH (S.U.)	GWC-18	6.46	6.164	2/16/2022	6.54	Yes	18	6.312	0.05897	0	None	No	0.0002213	Param Intra 1 of 2
pH (S.U.)	GWC-20	6.664	6.342	2/16/2022	6.71	Yes	18	6.503	0.06408	0	None	No	0.0002213	Param Intra 1 of 2
pH (S.U.)	GWC-5	6.158	5.348	2/15/2022	6.16	Yes	18	5.753	0.1613	0	None	No	0.0002213	Param Intra 1 of 2
Sulfate (mg/L)	GWC-1	1	n/a	2/15/2022	1.5	Yes	15	n/a	n/a	40	n/a	n/a	0.007533	NP Intra (normality) 1 of 2
Sulfate (mg/L)	GWC-10	1.475	n/a	2/15/2022	3.5	Yes	11	0.7701	0.2398	27.27	Kaplan-Meier	No	0.0004426	Param Intra 1 of 2
Sulfate (mg/L)	GWC-4	6.288	n/a	2/15/2022	20	Yes	15	2.937	1.27	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-CCR Printed 4/8/2022, 10:03 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NBg	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	GWA-17	0.08	n/a	2/15/2022	0.08ND	No	15	n/a	n/a	n/a	93.33	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-1	0.08	n/a	2/15/2022	0.08ND	No	15	n/a	n/a	n/a	100	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-13	0.08	n/a	2/16/2022	0.08ND	No	15	n/a	n/a	n/a	100	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-3	0.08	n/a	2/15/2022	0.08ND	No	15	n/a	n/a	n/a	100	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-5	0.6172	n/a	2/15/2022	0.19	No	15	0.3445	0.1034	6.667	None	No	0.0004426	Param Intra 1 of 2	
Boron (mg/L)	GWC-6	0.08	n/a	2/15/2022	0.08ND	No	15	n/a	n/a	n/a	100	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-7	0.08	n/a	2/15/2022	0.08ND	No	15	n/a	n/a	n/a	100	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-8A	0.3262	n/a	2/15/2022	0.13	No	14	0.1846	0.05242	0	None	No	0.0004426	Param Intra 1 of 2	
Boron (mg/L)	GWC-9	0.1305	n/a	2/15/2022	0.07J	No	15	0.08718	0.0164	0	None	No	0.0004426	Param Intra 1 of 2	
Calcium (mg/L)	GWA-15	5.463	n/a	2/15/2022	3.6	No	15	4.215	0.4731	0	None	No	0.0004426	Param Intra 1 of 2	
Calcium (mg/L)	GWA-16	14.38	n/a	2/15/2022	10	No	15	11.59	1.055	0	None	No	0.0004426	Param Intra 1 of 2	
Calcium (mg/L)	GWA-17	8.711	n/a	2/15/2022	7.1	No	15	6.639	0.7855	0	None	No	0.0004426	Param Intra 1 of 2	
Calcium (mg/L)	GWC-1	20.62	n/a	2/15/2022	16	No	15	17.13	1.326	0	None	No	0.0004426	Param Intra 1 of 2	
Calcium (mg/L)	GWC-10	21.64	n/a	2/15/2022	17	No	15	16.8	1.835	0	None	No	0.0004426	Param Intra 1 of 2	
Calcium (mg/L)	GWC-11	15.09	n/a	2/16/2022	12	No	15	12.69	0.9098	0	None	No	0.0004426	Param Intra 1 of 2	
Calcium (mg/L)	GWC-12	1.581	n/a	2/16/2022	1.1	No	15	1.095	0.184	0	None	No	0.0004426	Param Intra 1 of 2	
Calcium (mg/L)	GWC-13	9.036	n/a	2/16/2022	6.7	No	15	1.862	0.08384	0	None	x^(1/3)	0.0004426	Param Intra 1 of 2	
Calcium (mg/L)	GWC-14	7.744	n/a	2/16/2022	6.3	No	15	6.446	0.4921	0	None	No	0.0004426	Param Intra 1 of 2	
Calcium (mg/L)	GWC-18	12.05	n/a	2/16/2022	9.7	No	15	10.29	0.6675	0	None	No	0.0004426	Param Intra 1 of 2	
Calcium (mg/L)	GWC-19	15.99	n/a	2/16/2022	15	No	15	11.46	1.718	0	None	No	0.0004426	Param Intra 1 of 2	
Calcium (mg/L)	GWC-2	20.61	n/a	2/15/2022	16	No	15	17.31	1.248	0	None	No	0.0004426	Param Intra 1 of 2	
Calcium (mg/L)	GWC-20	16.02	n/a	2/16/2022	13	No	15	13.43	0.9796	0	None	No	0.0004426	Param Intra 1 of 2	
Calcium (mg/L)	GWC-3	11.1	n/a	2/15/2022	6	No	15	7.961	1.19	0	None	No	0.0004426	Param Intra 1 of 2	
Calcium (mg/L)	GWC-4	16.56	n/a	2/15/2022	15	No	15	12.47	1.553	0	None	No	0.0004426	Param Intra 1 of 2	
Calcium (mg/L)	GWC-5	222.5	n/a	2/15/2022	36	No	15	107.3	43.67	0	None	No	0.0004426	Param Intra 1 of 2	
Calcium (mg/L)	GWC-6	21.67	n/a	2/15/2022	15	No	15	17.82	1.459	0	None	No	0.0004426	Param Intra 1 of 2	
Calcium (mg/L)	GWC-7	16.33	n/a	2/15/2022	13	No	15	14.12	0.8377	0	None	No	0.0004426	Param Intra 1 of 2	
Calcium (mg/L)	GWC-8A	45.47	n/a	2/15/2022	49	Yes	10	25.9	6.402	0	None	No	0.0004426	Param Intra 1 of 2	
Calcium (mg/L)	GWC-9	19.78	n/a	2/15/2022	16	No	15	17.05	1.037	0	None	No	0.0004426	Param Intra 1 of 2	
Chloride (mg/L)	GWA-15	6.3	n/a	2/15/2022	6.5	Yes	15	n/a	n/a	0	n/a	n/a	0.007533	NP Intra (normality) 1 of 2	
Chloride (mg/L)	GWA-16	2.089	n/a	2/15/2022	1.6	No	15	1.646	0.1678	0	None	No	0.0004426	Param Intra 1 of 2	
Chloride (mg/L)	GWA-17	2.117	n/a	2/15/2022	1.4	No	15	1.566	0.2089	0	None	No	0.0004426	Param Intra 1 of 2	
Chloride (mg/L)	GWC-1	4.775	n/a	2/15/2022	4	No	15	3.841	0.354	0	None	No	0.0004426	Param Intra 1 of 2	
Chloride (mg/L)	GWC-10	4.3	n/a	2/15/2022	4.6	Yes	15	n/a	n/a	0	n/a	n/a	0.007533	NP Intra (normality) 1 of 2	
Chloride (mg/L)	GWC-11	2.109	n/a	2/16/2022	1.7	No	15	1.772	0.1278	0	None	No	0.0004426	Param Intra 1 of 2	
Chloride (mg/L)	GWC-12	2.15	n/a	2/16/2022	1.9	No	15	1.753	0.1506	0	None	No	0.0004426	Param Intra 1 of 2	
Chloride (mg/L)	GWC-13	1.976	n/a	2/16/2022	1.5	No	15	1.548	0.1621	0	None	No	0.0004426	Param Intra 1 of 2	
Chloride (mg/L)	GWC-14	3.365	n/a	2/16/2022	3.2	No	15	2.894	0.1784	0	None	No	0.0004426	Param Intra 1 of 2	
Chloride (mg/L)	GWC-18	2.9	n/a	2/16/2022	2.7	No	15	2.515	0.1457	0	None	No	0.0004426	Param Intra 1 of 2	
Chloride (mg/L)	GWC-19	2.435	n/a	2/16/2022	2.4	No	15	1.338	0.08444	0	None	sqrt(x)	0.0004426	Param Intra 1 of 2	
Chloride (mg/L)	GWC-2	2.66	n/a	2/15/2022	2.2	No	15	2.123	0.2035	0	None	No	0.0004426	Param Intra 1 of 2	
Chloride (mg/L)	GWC-20	2.425	n/a	2/16/2022	2	No	15	7.311	2.638	6.667	None	x^3	0.0004426	Param Intra 1 of 2	
Chloride (mg/L)	GWC-3	4.015	n/a	2/15/2022	2.7	No	15	3.176	0.3181	0	None	No	0.0004426	Param Intra 1 of 2	
Chloride (mg/L)	GWC-4	15.93	n/a	2/15/2022	11	No	15	7.238	3.295	0	None	No	0.0004426	Param Intra 1 of 2	
Chloride (mg/L)	GWC-5	134.3	n/a	2/15/2022	16	No	14	60.62	27.28	0	None	No	0.0004426	Param Intra 1 of 2	
Chloride (mg/L)	GWC-6	9.041	n/a	2/15/2022	6.1	No	14	6.021	1.119	0	None	No	0.0004426	Param Intra 1 of 2	
Chloride (mg/L)	GWC-7	2.5	n/a	2/15/2022	2.7	Yes	15	n/a	n/a	0	n/a	n/a	0.007533	NP Intra (normality) 1 of 2	
Chloride (mg/L)	GWC-8A	10.77	n/a	2/15/2022	9.1	No	14	2.006	0.1373	0	None	ln(x)	0.0004426	Param Intra 1 of 2	
Chloride (mg/L)	GWC-9	4.39	n/a	2/15/2022	3.7	No	15	3.523	0.3286	0	None	No	0.0004426	Param Intra 1 of 2	
Fluoride (mg/L)	GWA-15	0.1	n/a	2/15/2022	0.054J	No	15	n/a	n/a	86.67	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2	
Fluoride (mg/L)	GWA-16	0.082	n/a	2/15/2022	0.079J	No	15	n/a	n/a	66.67	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2	
Fluoride (mg/L)	GWA-17	0.082	n/a	2/15/2022	0.083J	No	15	n/a	n/a	66.67	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2	
Fluoride (mg/L)	GWC-1	0.1091	n/a	2/15/2022	0.12	Yes	15	0.006016	0.00223	33.33	Kaplan-Meier	x^2	0.0004426	Param Intra 1 of 2	
Fluoride (mg/L)	GWC-10	0.088	n/a	2/15/2022	0.099J	No	15	n/a	n/a	60	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2	
Fluoride (mg/L)	GWC-11	0.1	n/a	2/16/2022	0.1ND	No	15	n/a	n/a	60	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2	

Appendix III Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 4/8/2022, 10:03 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NBq	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Fluoride (mg/L)	GWC-12	0.1	n/a	2/16/2022	0.1ND	No	15	n/a	n/a	n/a	73.33	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-13	0.1	n/a	2/16/2022	0.1ND	No	15	n/a	n/a	n/a	66.67	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-14	0.1	n/a	2/16/2022	0.1ND	No	15	n/a	n/a	n/a	73.33	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-18	0.1	n/a	2/16/2022	0.034J	No	15	n/a	n/a	n/a	73.33	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-19	0.1	n/a	2/16/2022	0.028J	No	15	n/a	n/a	n/a	73.33	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-2	0.082	n/a	2/15/2022	0.072J	No	15	n/a	n/a	n/a	66.67	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-20	0.1	n/a	2/16/2022	0.1ND	No	15	n/a	n/a	n/a	73.33	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-3	0.091	n/a	2/15/2022	0.092J	No	15	n/a	n/a	n/a	60	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-4	0.1466	n/a	2/15/2022	0.13	No	15	0.009818	0.004428	0	None	x^2	0.0004426	Param Intra 1 of 2	
Fluoride (mg/L)	GWC-5	0.082	n/a	2/15/2022	0.16	Yes	15	n/a	n/a	66.67	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2	
Fluoride (mg/L)	GWC-6	0.082	n/a	2/15/2022	0.095J	No	15	n/a	n/a	n/a	66.67	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-7	0.12	n/a	2/15/2022	0.083J	No	15	n/a	n/a	n/a	66.67	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-8A	0.2241	n/a	2/15/2022	0.096J	No	14	0.1081	0.04297	0	None	No	0.0004426	Param Intra 1 of 2	
Fluoride (mg/L)	GWC-9	0.096	n/a	2/15/2022	0.096J	No	15	n/a	n/a	n/a	53.33	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
pH (S.U.)	GWA-15	5.761	5.24	2/15/2022	5.4	No	18	5.501	0.1037	0	None	No	0.0002213	Param Intra 1 of 2	
pH (S.U.)	GWA-16	6.563	6.191	2/15/2022	6.46	No	18	6.377	0.07404	0	None	No	0.0002213	Param Intra 1 of 2	
pH (S.U.)	GWA-17	6.338	5.628	2/15/2022	6.2	No	18	5.983	0.1415	0	None	No	0.0002213	Param Intra 1 of 2	
pH (S.U.)	GWC-1	6.745	6.3	2/15/2022	6.83	Yes	18	6.522	0.08869	0	None	No	0.0002213	Param Intra 1 of 2	
pH (S.U.)	GWC-10	6.659	6.027	2/15/2022	6.48	No	18	6.343	0.1259	0	None	No	0.0002213	Param Intra 1 of 2	
pH (S.U.)	GWC-11	6.354	5.988	2/16/2022	6.16	No	17	6.171	0.07184	0	None	No	0.0002213	Param Intra 1 of 2	
pH (S.U.)	GWC-12	5.433	4.859	2/16/2022	5.11	No	18	5.146	0.1143	0	None	No	0.0002213	Param Intra 1 of 2	
pH (S.U.)	GWC-13	6.052	5.659	2/16/2022	5.79	No	19	6.960	466.8	0	None	x^5	0.0002213	Param Intra 1 of 2	
pH (S.U.)	GWC-14	5.903	5.332	2/16/2022	5.6	No	17	5.617	0.1122	0	None	No	0.0002213	Param Intra 1 of 2	
pH (S.U.)	GWC-18	6.46	6.164	2/16/2022	6.54	Yes	18	6.312	0.05897	0	None	No	0.0002213	Param Intra 1 of 2	
pH (S.U.)	GWC-19	6.518	6.229	2/16/2022	6.47	No	17	6.374	0.05689	0	None	No	0.0002213	Param Intra 1 of 2	
pH (S.U.)	GWC-2	7	6.35	2/15/2022	6.61	No	17	n/a	n/a	0	n/a	n/a	0.01183	NP Intra (normality) 1 of 2	
pH (S.U.)	GWC-20	6.664	6.342	2/16/2022	6.71	Yes	18	6.503	0.06408	0	None	No	0.0002213	Param Intra 1 of 2	
pH (S.U.)	GWC-3	6.201	5.69	2/15/2022	5.87	No	18	5.946	0.1019	0	None	No	0.0002213	Param Intra 1 of 2	
pH (S.U.)	GWC-4	6.591	5.971	2/15/2022	6.37	No	18	39.54	1.551	0	None	x^2	0.0002213	Param Intra 1 of 2	
pH (S.U.)	GWC-5	6.158	5.348	2/15/2022	6.16	Yes	18	5.753	0.1613	0	None	No	0.0002213	Param Intra 1 of 2	
pH (S.U.)	GWC-6	6.43	6.09	2/15/2022	6.1	No	18	n/a	n/a	0	n/a	n/a	0.01075	NP Intra (normality) 1 of 2	
pH (S.U.)	GWC-7	6.42	5.96	2/15/2022	6.22	No	17	n/a	n/a	0	n/a	n/a	0.01183	NP Intra (normality) 1 of 2	
pH (S.U.)	GWC-8A	7.26	6.24	2/15/2022	6.34	No	21	n/a	n/a	0	n/a	n/a	0.007998	NP Intra (normality) 1 of 2	
pH (S.U.)	GWC-9	6.922	6.294	2/15/2022	6.61	No	18	6.608	0.1251	0	None	No	0.0002213	Param Intra 1 of 2	
Sulfate (mg/L)	GWA-15	3.1	n/a	2/15/2022	2.6	No	15	n/a	n/a	n/a	53.33	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-16	1	n/a	2/15/2022	1ND	No	15	n/a	n/a	n/a	93.33	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-17	1	n/a	2/15/2022	1ND	No	15	n/a	n/a	n/a	80	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-1	1	n/a	2/15/2022	1.5	Yes	15	n/a	n/a	40	n/a	n/a	0.007533	NP Intra (normality) 1 of 2	
Sulfate (mg/L)	GWC-10	1.475	n/a	2/15/2022	3.5	Yes	11	0.7701	0.2398	27.27	Kaplan-Meier	No	0.0004426	Param Intra 1 of 2	
Sulfate (mg/L)	GWC-11	1	n/a	2/16/2022	1ND	No	15	n/a	n/a	n/a	86.67	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-12	1.3	n/a	2/16/2022	1ND	No	15	n/a	n/a	n/a	73.33	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-13	1.3	n/a	2/16/2022	1ND	No	14	n/a	n/a	n/a	64.29	n/a	n/a	0.008612	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-14	1	n/a	2/16/2022	1ND	No	15	n/a	n/a	n/a	80	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-18	1	n/a	2/16/2022	1ND	No	15	n/a	n/a	n/a	80	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-19	1.2	n/a	2/16/2022	1ND	No	15	n/a	n/a	n/a	86.67	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-2	1	n/a	2/15/2022	0.79J	No	15	n/a	n/a	n/a	66.67	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-20	1	n/a	2/16/2022	1ND	No	15	n/a	n/a	n/a	86.67	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-3	1.1	n/a	2/15/2022	0.91J	No	15	n/a	n/a	n/a	60	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-4	6.288	n/a	2/15/2022	20	Yes	15	2.937	1.27	0	None	No	0.0004426	Param Intra 1 of 2	
Sulfate (mg/L)	GWC-5	629.8	n/a	2/15/2022	100	No	14	315	116.6	0	None	No	0.0004426	Param Intra 1 of 2	
Sulfate (mg/L)	GWC-6	17.41	n/a	2/15/2022	13	No	15	10.19	2.735	0	None	No	0.0004426	Param Intra 1 of 2	
Sulfate (mg/L)	GWC-7	1	n/a	2/15/2022	1ND	No	15	n/a	n/a	n/a	73.33	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-8A	55.93	n/a	2/15/2022	11	No	14	30.76	9.32	0	None	No	0.0004426	Param Intra 1 of 2	
Sulfate (mg/L)	GWC-9	16.91	n/a	2/15/2022	7.2	No	15	9.857	2.672	0	None	No	0.0004426	Param Intra 1 of 2	
Total Dissolved Solids (mg/L)	GWA-15	76.79	n/a	2/15/2022	42	No	15	35.07	15.82	13.33	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-CCR Printed 4/8/2022, 10:03 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NB	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Total Dissolved Solids (mg/L)	GWA-16	153.2	n/a	2/15/2022	99	No	15	93.67	22.56	0	None	No	0.0004426	Param Intra 1 of 2	
Total Dissolved Solids (mg/L)	GWA-17	132.7	n/a	2/15/2022	79	No	15	66.53	25.08	0	None	No	0.0004426	Param Intra 1 of 2	
Total Dissolved Solids (mg/L)	GWC-1	164.7	n/a	2/15/2022	120	No	15	131.1	12.73	0	None	No	0.0004426	Param Intra 1 of 2	
Total Dissolved Solids (mg/L)	GWC-10	180.4	n/a	2/15/2022	150	No	14	127.6	19.55	0	None	No	0.0004426	Param Intra 1 of 2	
Total Dissolved Solids (mg/L)	GWC-11	293	n/a	2/16/2022	79	No	15	n/a	n/a	0	n/a	n/a	0.007533	NP Intra (normality) 1 of 2	
Total Dissolved Solids (mg/L)	GWC-12	94.94	n/a	2/16/2022	16	No	15	4.249	2.083	26.67	Kaplan-Meier	sqrt(x)	0.0004426	Param Intra 1 of 2	
Total Dissolved Solids (mg/L)	GWC-13	119.3	n/a	2/16/2022	55	No	14	58.14	22.64	0	None	No	0.0004426	Param Intra 1 of 2	
Total Dissolved Solids (mg/L)	GWC-14	103	n/a	2/16/2022	46	No	15	55	18.21	0	None	No	0.0004426	Param Intra 1 of 2	
Total Dissolved Solids (mg/L)	GWC-18	120.6	n/a	2/16/2022	70	No	15	84.33	13.75	0	None	No	0.0004426	Param Intra 1 of 2	
Total Dissolved Solids (mg/L)	GWC-19	164.4	n/a	2/16/2022	110	No	15	90.33	28.07	0	None	No	0.0004426	Param Intra 1 of 2	
Total Dissolved Solids (mg/L)	GWC-2	192.3	n/a	2/15/2022	120	No	15	116.2	28.83	0	None	No	0.0004426	Param Intra 1 of 2	
Total Dissolved Solids (mg/L)	GWC-20	146.1	n/a	2/16/2022	110	No	15	102.9	16.4	0	None	No	0.0004426	Param Intra 1 of 2	
Total Dissolved Solids (mg/L)	GWC-3	112.1	n/a	2/15/2022	53	No	15	79.13	12.48	0	None	No	0.0004426	Param Intra 1 of 2	
Total Dissolved Solids (mg/L)	GWC-4	166.6	n/a	2/15/2022	140	No	15	116.9	18.84	0	None	No	0.0004426	Param Intra 1 of 2	
Total Dissolved Solids (mg/L)	GWC-5	1654	n/a	2/15/2022	290	No	15	823.3	314.8	0	None	No	0.0004426	Param Intra 1 of 2	
Total Dissolved Solids (mg/L)	GWC-6	183.8	n/a	2/15/2022	140	No	15	144.8	14.77	0	None	No	0.0004426	Param Intra 1 of 2	
Total Dissolved Solids (mg/L)	GWC-7	155.6	n/a	2/15/2022	140	No	15	116.4	14.86	0	None	No	0.0004426	Param Intra 1 of 2	
Total Dissolved Solids (mg/L)	GWC-8A	404	n/a	2/15/2022	330	No	13	14.63	1.981	0	None	sqrt(x)	0.0004426	Param Intra 1 of 2	
Total Dissolved Solids (mg/L)	GWC-9	205.7	n/a	2/15/2022	140	No	15	20532	8252	0	None	x^2	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-CCR Printed 4/8/2022, 9:51 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NBg	Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method
Barium, Total (mg/L)	GWC-4	0.051	n/a	2/15/2022	0.055	Yes	96	n/a		n/a	2.083	n/a	n/a	0.0002086 NP Inter (normality) 1 of 2

Appendix I Interwell Prediction Limits - Two-Step - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 4/8/2022, 9:51 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NBg	Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method
Barium, Total (mg/L)	GWC-10	0.051	n/a	2/15/2022	0.036	No	96	n/a	n/a	n/a	2.083	n/a	n/a	0.0002086 NP Inter (normality) 1 of 2
Barium, Total (mg/L)	GWC-19	0.051	n/a	2/16/2022	0.027	No	96	n/a	n/a	n/a	2.083	n/a	n/a	0.0002086 NP Inter (normality) 1 of 2
Barium, Total (mg/L)	GWC-4	0.051	n/a	2/15/2022	0.055	Yes	96	n/a	n/a	n/a	2.083	n/a	n/a	0.0002086 NP Inter (normality) 1 of 2

Appendix III Interwell Prediction Limits - Two-Step - Significant Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 4/8/2022, 10:09 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NBq	Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method
Calcium (mg/L)	GWC-8A	14	n/a	2/15/2022	49	Yes	54	n/a	n/a	n/a	0	n/a	n/a	0.0006323 NP Inter (normality) 1 of 2
Fluoride (mg/L)	GWC-1	0.1	n/a	2/15/2022	0.12	Yes	54	n/a	n/a	n/a	62.96	n/a	n/a	0.0006323 NP Inter (NDs) 1 of 2
Fluoride (mg/L)	GWC-5	0.1	n/a	2/15/2022	0.16	Yes	54	n/a	n/a	n/a	62.96	n/a	n/a	0.0006323 NP Inter (NDs) 1 of 2
pH (S.U.)	GWC-1	6.52	5.27	2/15/2022	6.83	Yes	63	n/a	n/a	n/a	0	n/a	n/a	0.0009402 NP Inter (normality) 1 of 2
pH (S.U.)	GWC-18	6.52	5.27	2/16/2022	6.54	Yes	63	n/a	n/a	n/a	0	n/a	n/a	0.0009402 NP Inter (normality) 1 of 2
pH (S.U.)	GWC-20	6.52	5.27	2/16/2022	6.71	Yes	63	n/a	n/a	n/a	0	n/a	n/a	0.0009402 NP Inter (normality) 1 of 2
Sulfate (mg/L)	GWC-10	3.1	n/a	2/15/2022	3.5	Yes	54	n/a	n/a	n/a	74.07	n/a	n/a	0.0006323 NP Inter (NDs) 1 of 2
Sulfate (mg/L)	GWC-4	3.1	n/a	2/15/2022	20	Yes	54	n/a	n/a	n/a	74.07	n/a	n/a	0.0006323 NP Inter (NDs) 1 of 2

Appendix III Interwell Prediction Limits - Two-Step - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 4/8/2022, 10:09 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NBq	Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method
Calcium (mg/L)	GWC-8A	14	n/a	2/15/2022	49	Yes	54	n/a	n/a	n/a	0	n/a	n/a	0.0006323 NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-10	7.2	n/a	2/15/2022	4.6	No	54	n/a	n/a	n/a	0	n/a	n/a	0.0006323 NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-7	7.2	n/a	2/15/2022	2.7	No	54	n/a	n/a	n/a	0	n/a	n/a	0.0006323 NP Inter (normality) 1 of 2
Fluoride (mg/L)	GWC-1	0.1	n/a	2/15/2022	0.12	Yes	54	n/a	n/a	n/a	62.96	n/a	n/a	0.0006323 NP Inter (NDs) 1 of 2
Fluoride (mg/L)	GWC-5	0.1	n/a	2/15/2022	0.16	Yes	54	n/a	n/a	n/a	62.96	n/a	n/a	0.0006323 NP Inter (NDs) 1 of 2
pH (S.U.)	GWC-1	6.52	5.27	2/15/2022	6.83	Yes	63	n/a	n/a	n/a	0	n/a	n/a	0.0009402 NP Inter (normality) 1 of 2
pH (S.U.)	GWC-18	6.52	5.27	2/16/2022	6.54	Yes	63	n/a	n/a	n/a	0	n/a	n/a	0.0009402 NP Inter (normality) 1 of 2
pH (S.U.)	GWC-20	6.52	5.27	2/16/2022	6.71	Yes	63	n/a	n/a	n/a	0	n/a	n/a	0.0009402 NP Inter (normality) 1 of 2
pH (S.U.)	GWC-5	6.52	5.27	2/15/2022	6.16	No	63	n/a	n/a	n/a	0	n/a	n/a	0.0009402 NP Inter (normality) 1 of 2
Sulfate (mg/L)	GWC-1	3.1	n/a	2/15/2022	1.5	No	54	n/a	n/a	n/a	74.07	n/a	n/a	0.0006323 NP Inter (NDs) 1 of 2
Sulfate (mg/L)	GWC-10	3.1	n/a	2/15/2022	3.5	Yes	54	n/a	n/a	n/a	74.07	n/a	n/a	0.0006323 NP Inter (NDs) 1 of 2
Sulfate (mg/L)	GWC-4	3.1	n/a	2/15/2022	20	Yes	54	n/a	n/a	n/a	74.07	n/a	n/a	0.0006323 NP Inter (NDs) 1 of 2

Appendix I Interwell Prediction Limits - All Results (No Significant)

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 4/8/2022, 10:15 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NBq	Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method
Arsenic, Total (mg/L)	GWC-1	0.001	n/a	2/15/2022	0.001ND	No	96	n/a	n/a	n/a	96.88	n/a	n/a	0.0002086 NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-10	0.001	n/a	2/15/2022	0.001ND	No	96	n/a	n/a	n/a	96.88	n/a	n/a	0.0002086 NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-11	0.001	n/a	2/16/2022	0.001ND	No	96	n/a	n/a	n/a	96.88	n/a	n/a	0.0002086 NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-12	0.001	n/a	2/16/2022	0.001ND	No	96	n/a	n/a	n/a	96.88	n/a	n/a	0.0002086 NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-13	0.001	n/a	2/16/2022	0.001ND	No	96	n/a	n/a	n/a	96.88	n/a	n/a	0.0002086 NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-14	0.001	n/a	2/16/2022	0.001ND	No	96	n/a	n/a	n/a	96.88	n/a	n/a	0.0002086 NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-18	0.001	n/a	2/16/2022	0.001ND	No	96	n/a	n/a	n/a	96.88	n/a	n/a	0.0002086 NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-19	0.001	n/a	2/16/2022	0.001ND	No	96	n/a	n/a	n/a	96.88	n/a	n/a	0.0002086 NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-2	0.001	n/a	2/15/2022	0.001ND	No	96	n/a	n/a	n/a	96.88	n/a	n/a	0.0002086 NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-20	0.001	n/a	2/16/2022	0.001ND	No	96	n/a	n/a	n/a	96.88	n/a	n/a	0.0002086 NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-3	0.001	n/a	2/15/2022	0.001ND	No	96	n/a	n/a	n/a	96.88	n/a	n/a	0.0002086 NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-4	0.001	n/a	2/15/2022	0.001ND	No	96	n/a	n/a	n/a	96.88	n/a	n/a	0.0002086 NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-5	0.001	n/a	2/15/2022	0.001ND	No	96	n/a	n/a	n/a	96.88	n/a	n/a	0.0002086 NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-6	0.001	n/a	2/15/2022	0.001ND	No	96	n/a	n/a	n/a	96.88	n/a	n/a	0.0002086 NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-7	0.001	n/a	2/15/2022	0.001ND	No	96	n/a	n/a	n/a	96.88	n/a	n/a	0.0002086 NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-8A	0.001	n/a	2/15/2022	0.00047J	No	96	n/a	n/a	n/a	96.88	n/a	n/a	0.0002086 NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-9	0.001	n/a	2/15/2022	0.001ND	No	96	n/a	n/a	n/a	96.88	n/a	n/a	0.0002086 NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-1	0.001	n/a	2/15/2022	0.001ND	No	81	n/a	n/a	n/a	100	n/a	n/a	0.0002883 NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-13	0.001	n/a	2/16/2022	0.001ND	No	81	n/a	n/a	n/a	100	n/a	n/a	0.0002883 NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-6	0.001	n/a	2/15/2022	0.001ND	No	81	n/a	n/a	n/a	100	n/a	n/a	0.0002883 NP Inter (NDs) 1 of 2

Appendix I & III Trend Tests - Significant Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 4/8/2022, 10:06 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Barium, Total (mg/L)	GWA-16 (bg)	-0.0004242	-207	-161	Yes	32	0	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWA-17 (bg)	-0.0009501	-187	-161	Yes	32	3.125	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWC-10	0.0009786	303	161	Yes	32	6.25	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWC-19	0.0004321	215	161	Yes	32	3.125	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWC-4	0.00154	316	161	Yes	32	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWC-8A	6.973	103	63	Yes	17	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-17 (bg)	-0.07629	-79	-68	Yes	18	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWC-10	0.2684	125	68	Yes	18	0	n/a	n/a	0.01	NP
pH (S.U.)	GWA-17 (bg)	0.04139	101	87	Yes	21	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWC-10	0.3786	125	68	Yes	18	16.67	n/a	n/a	0.01	NP

Appendix I & III Trend Tests - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 4/8/2022, 10:06 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Barium, Total (mg/L)	GWA-15 (bg)	0	13	161	No	32	3.125	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWA-16 (bg)	-0.0004242	-207	-161	Yes	32	0	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWA-17 (bg)	-0.0009501	-187	-161	Yes	32	3.125	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWC-10	0.0009786	303	161	Yes	32	6.25	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWC-19	0.0004321	215	161	Yes	32	3.125	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWC-4	0.00154	316	161	Yes	32	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-15 (bg)	-0.02643	-14	-68	No	18	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-16 (bg)	0	-21	-68	No	18	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-17 (bg)	0.1519	56	68	No	18	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWC-8A	6.973	103	63	Yes	17	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-15 (bg)	0.1995	68	68	No	18	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-16 (bg)	-0.03222	-37	-68	No	18	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-17 (bg)	-0.07629	-79	-68	Yes	18	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWC-10	0.2684	125	68	Yes	18	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWC-7	0.1287	62	68	No	18	0	n/a	n/a	0.01	NP
Fluoride (mg/L)	GWA-15 (bg)	0	-19	-68	No	18	77.78	n/a	n/a	0.01	NP
Fluoride (mg/L)	GWA-16 (bg)	-0.0005971	-57	-68	No	18	55.56	n/a	n/a	0.01	NP
Fluoride (mg/L)	GWA-17 (bg)	0	-27	-68	No	18	55.56	n/a	n/a	0.01	NP
Fluoride (mg/L)	GWC-1	-1.1e-8	-15	-68	No	18	27.78	n/a	n/a	0.01	NP
Fluoride (mg/L)	GWC-5	0	-29	-68	No	18	55.56	n/a	n/a	0.01	NP
pH (S.U.)	GWA-15 (bg)	-0.02058	-72	-87	No	21	0	n/a	n/a	0.01	NP
pH (S.U.)	GWA-16 (bg)	0.005692	11	87	No	21	0	n/a	n/a	0.01	NP
pH (S.U.)	GWA-17 (bg)	0.04139	101	87	Yes	21	0	n/a	n/a	0.01	NP
pH (S.U.)	GWC-1	0	6	87	No	21	0	n/a	n/a	0.01	NP
pH (S.U.)	GWC-18	0.01907	76	87	No	21	0	n/a	n/a	0.01	NP
pH (S.U.)	GWC-20	0.003603	14	92	No	22	0	n/a	n/a	0.01	NP
pH (S.U.)	GWC-5	0.05051	71	87	No	21	0	n/a	n/a	0.01	NP
Selenium, Total (mg/L)	GWA-15 (bg)	0	-9	-161	No	32	96.88	n/a	n/a	0.01	NP
Selenium, Total (mg/L)	GWA-16 (bg)	0	-10	-161	No	32	90.63	n/a	n/a	0.01	NP
Selenium, Total (mg/L)	GWA-17 (bg)	0	1	161	No	32	93.75	n/a	n/a	0.01	NP
Selenium, Total (mg/L)	GWC-5	0	30	161	No	32	37.5	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-15 (bg)	0.1808	57	68	No	18	44.44	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-16 (bg)	0	-9	-68	No	18	94.44	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-17 (bg)	0	-22	-68	No	18	83.33	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWC-1	0	-9	-68	No	18	38.89	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWC-10	0.3786	125	68	Yes	18	16.67	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWC-4	0.2642	34	68	No	18	0	n/a	n/a	0.01	NP

Appendix I Intrawell Prediction Limits - Resample Results (All Significant)

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 6/27/2022, 11:15 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Barium, Total (mg/L)	GWC-4	0.05318	n/a	5/12/2022	0.06	Yes	29	0.0383	0.005897	0	None	No	0.0001937	Param Intra 1 of 2

Appendix III Intrawell Prediction Limits - Resample Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 7/6/2022, 8:23 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Fluoride (mg/L)	GWC-1	0.1091	n/a	5/12/2022	0.048J	No	15	0.006016	0.00223	33.33	Kaplan-Meier	x^2	0.0004426	Param Intra 1 of 2
Fluoride (mg/L)	GWC-5	0.082	n/a	5/12/2022	0.03J	No	15	n/a	n/a	66.67	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
pH (S.U.)	GWC-1	6.745	6.3	5/12/2022	6.55	No	18	6.522	0.08869	0	None	No	0.0002213	Param Intra 1 of 2
pH (S.U.)	GWC-10	6.659	6.027	5/12/2022	6.31	No	18	6.343	0.1259	0	None	No	0.0002213	Param Intra 1 of 2
pH (S.U.)	GWC-18	6.46	6.164	5/12/2022	6.39	No	18	6.312	0.05897	0	None	No	0.0002213	Param Intra 1 of 2
pH (S.U.)	GWC-20	6.664	6.342	5/12/2022	6.52	No	18	6.503	0.06408	0	None	No	0.0002213	Param Intra 1 of 2
pH (S.U.)	GWC-4	6.591	5.971	5/12/2022	6.19	No	18	39.54	1.551	0	None	x^2	0.0002213	Param Intra 1 of 2
pH (S.U.)	GWC-5	6.158	5.348	5/12/2022	5.99	No	18	5.753	0.1613	0	None	No	0.0002213	Param Intra 1 of 2
Sulfate (mg/L)	GWC-10	1.475	n/a	5/12/2022	2.7	Yes	11	0.7701	0.2398	27.27	Kaplan-Meier	No	0.0004426	Param Intra 1 of 2
Sulfate (mg/L)	GWC-4	6.288	n/a	5/12/2022	33	Yes	15	2.937	1.27	0	None	No	0.0004426	Param Intra 1 of 2

Appendix I Interwell Prediction Limits - Resample Results (All Significant)

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 6/27/2022, 11:19 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Barium, Total (mg/L)	GWC-4	0.051	n/a	5/12/2022	0.06	Yes	96	n/a	n/a	2.083	n/a	n/a	0.0002086	NP Inter (normality) 1 of 2

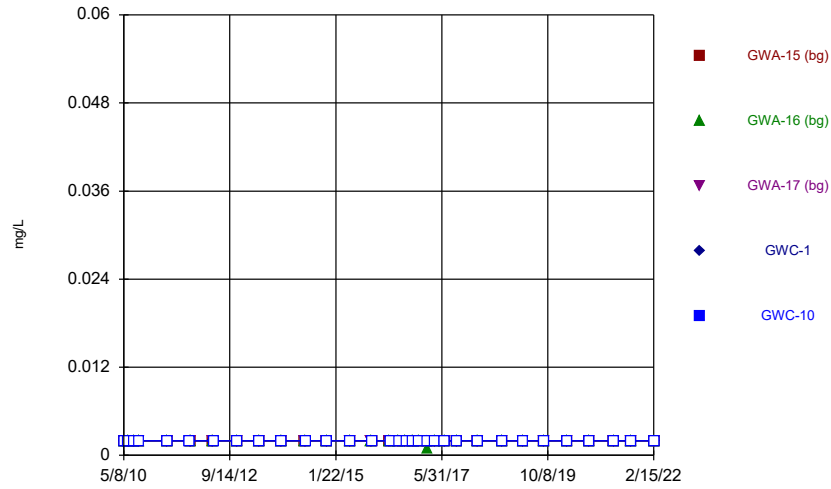
Appendix III Interwell Prediction Limits - Resample Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 6/27/2022, 11:39 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-10	3.1	n/a	5/12/2022	2.7	No	54	n/a	n/a	74.07	n/a	n/a	0.0006323	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	GWC-4	3.1	n/a	5/12/2022	33	Yes	54	n/a	n/a	74.07	n/a	n/a	0.0006323	NP Inter (NDs) 1 of 2

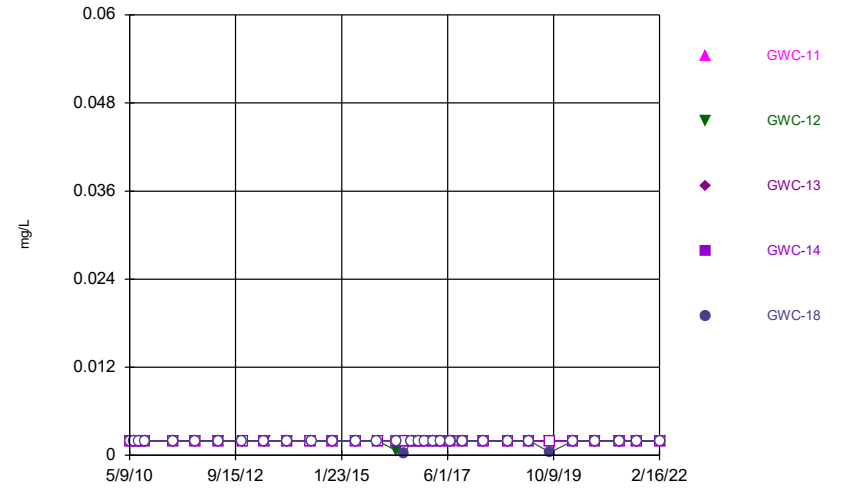
FIGURE A.

Time Series



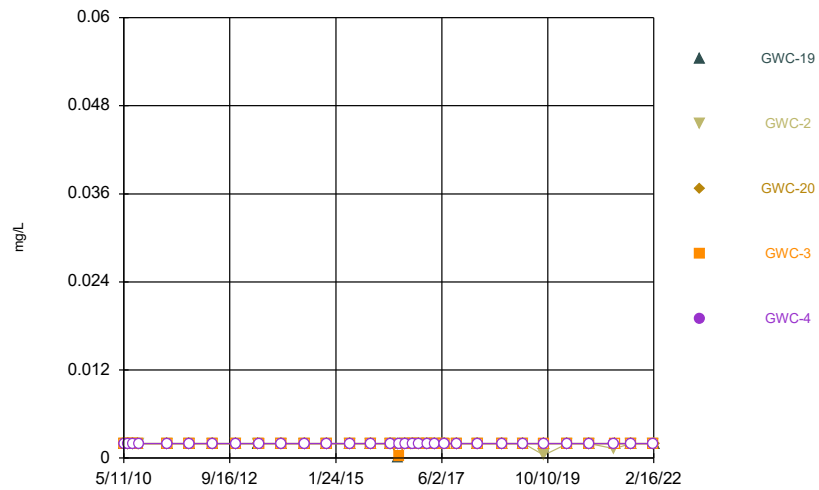
Constituent: Antimony, Total Analysis Run 7/6/2022 8:00 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



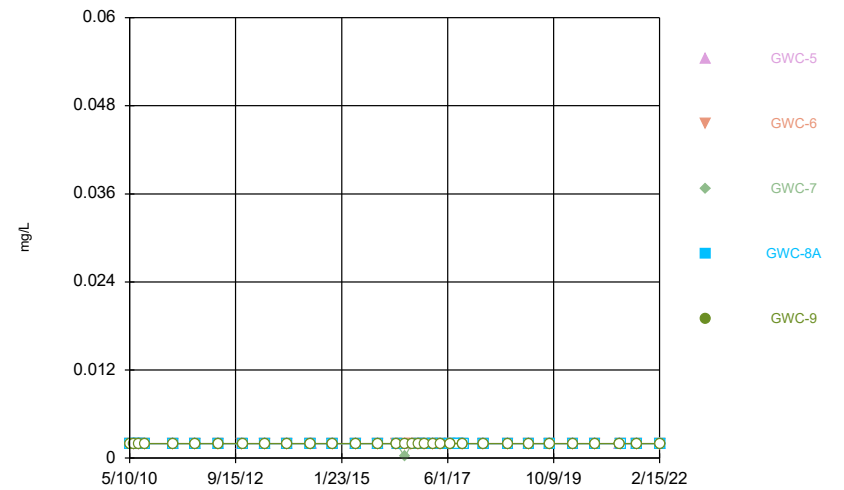
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



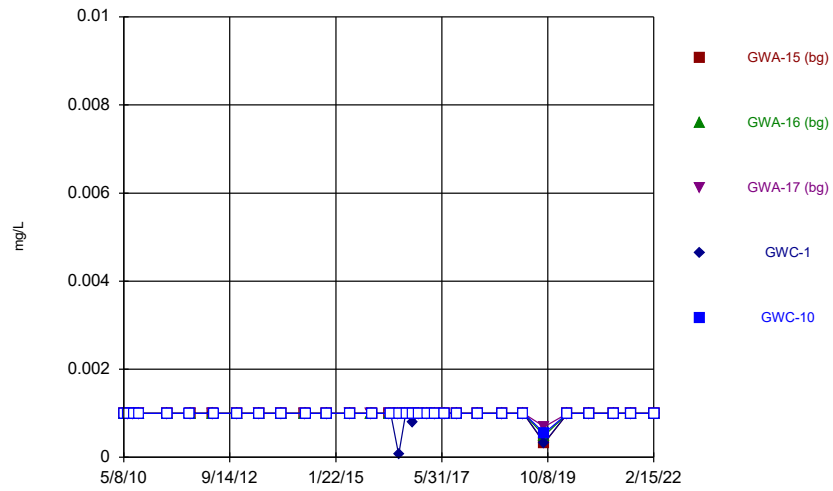
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



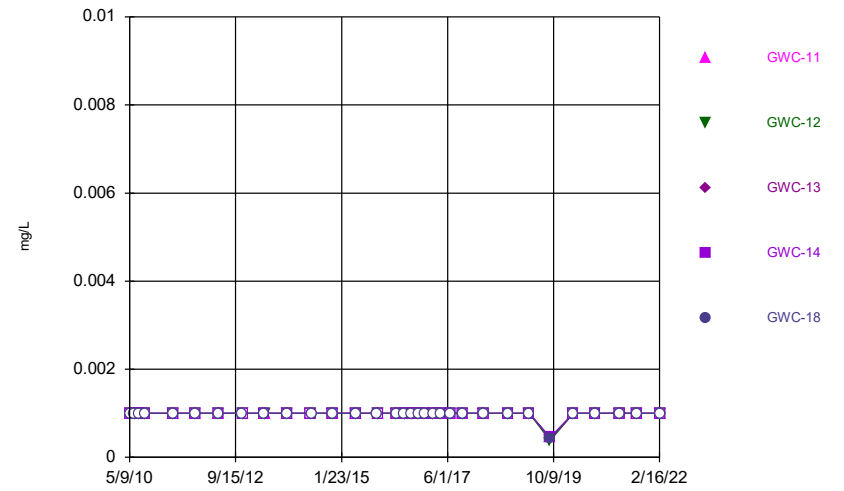
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



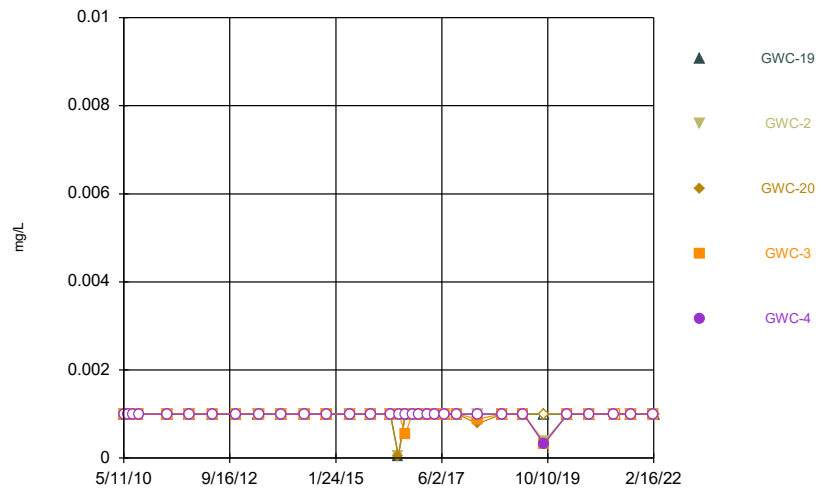
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Time Series



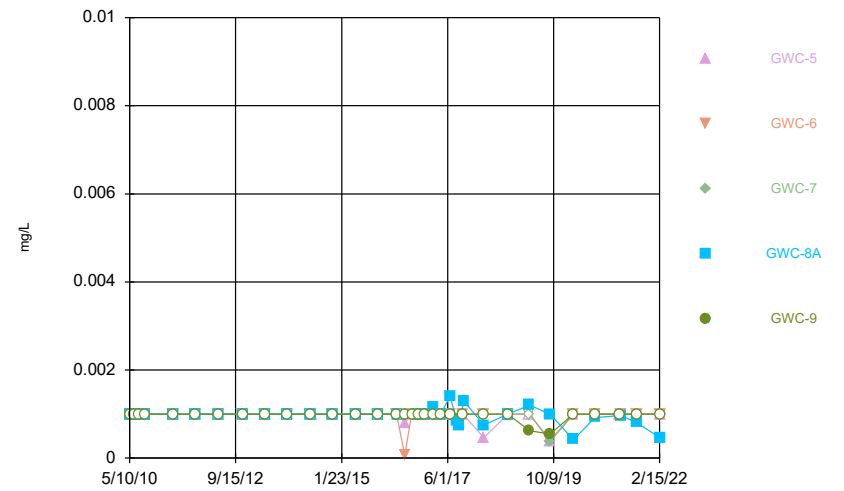
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Time Series



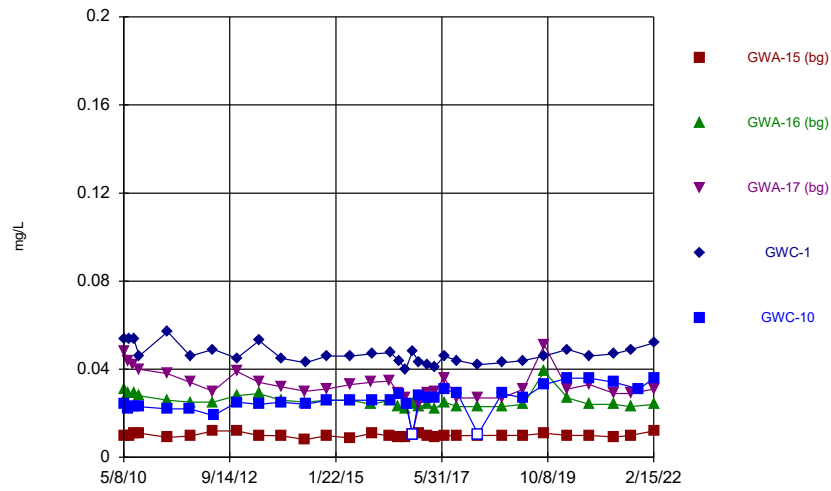
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Time Series



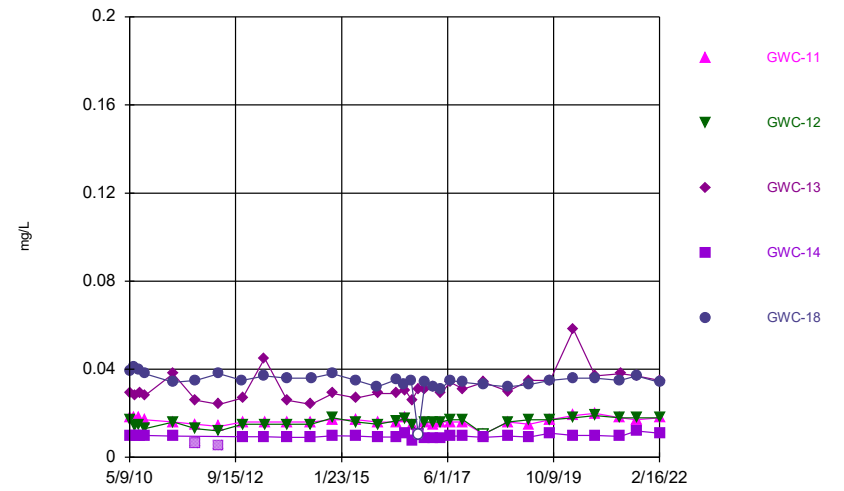
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Time Series



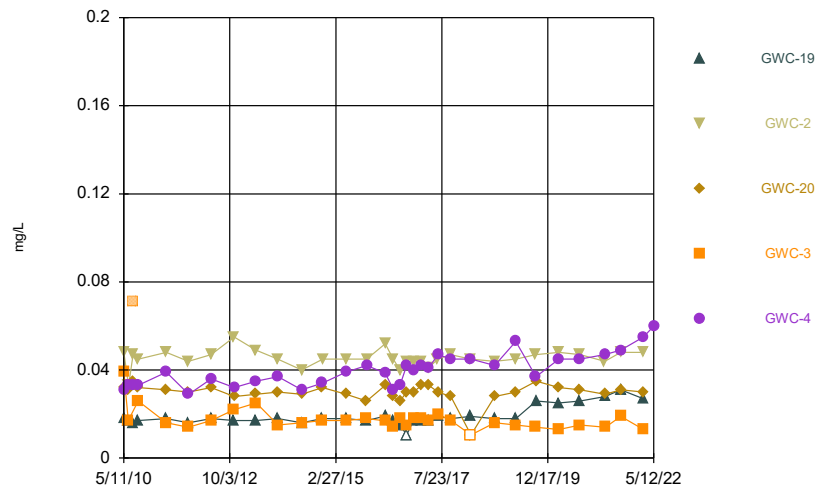
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Time Series



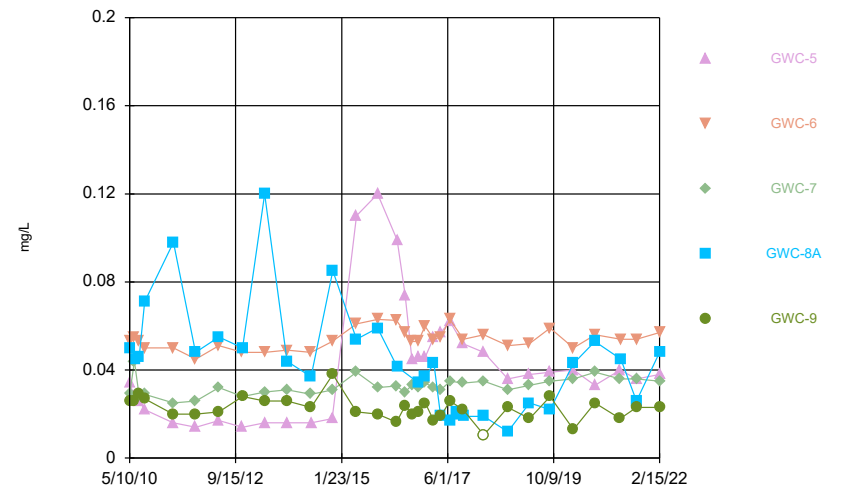
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



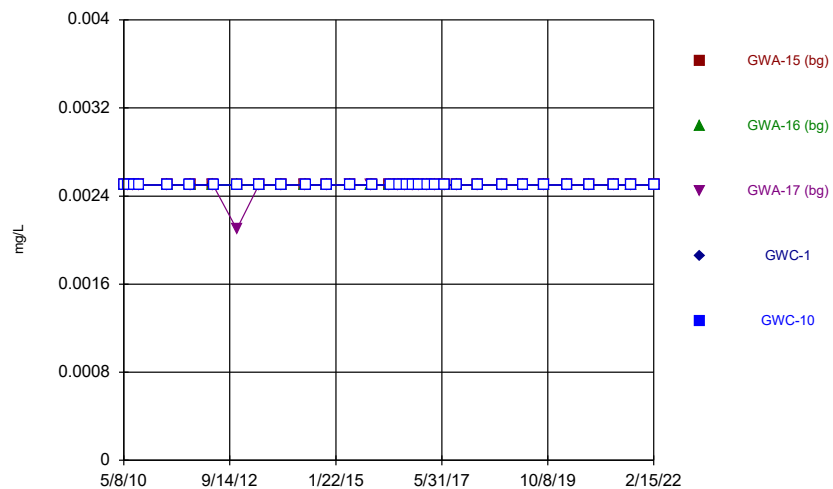
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



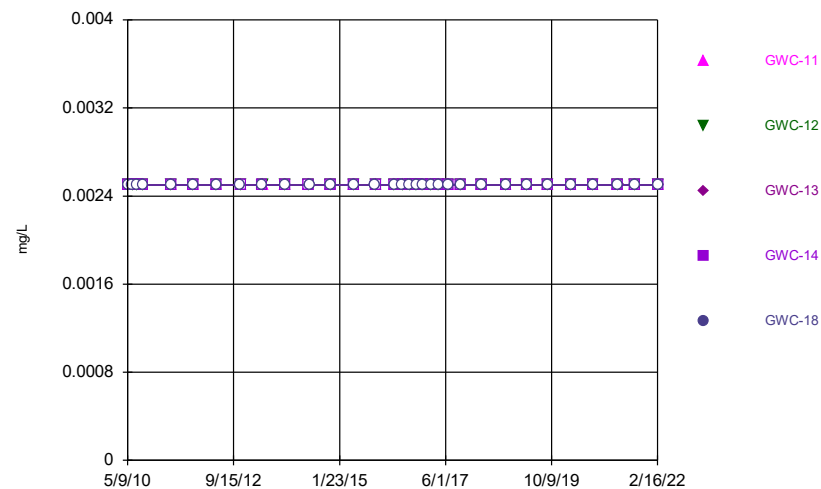
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



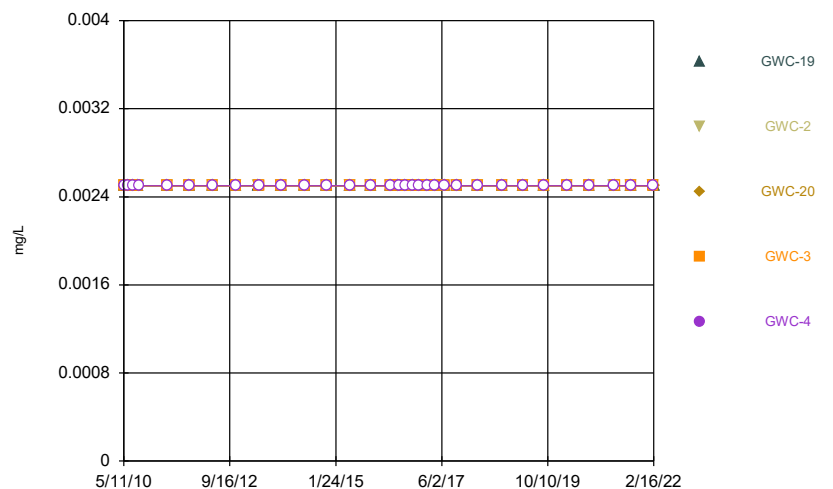
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



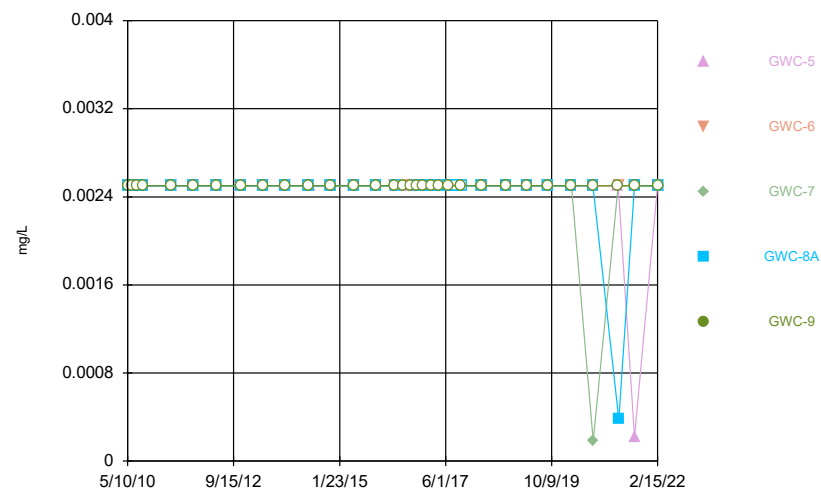
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



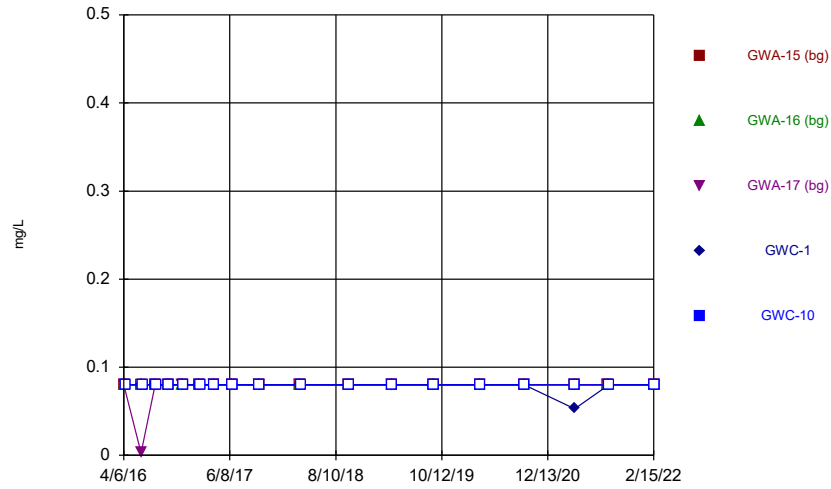
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



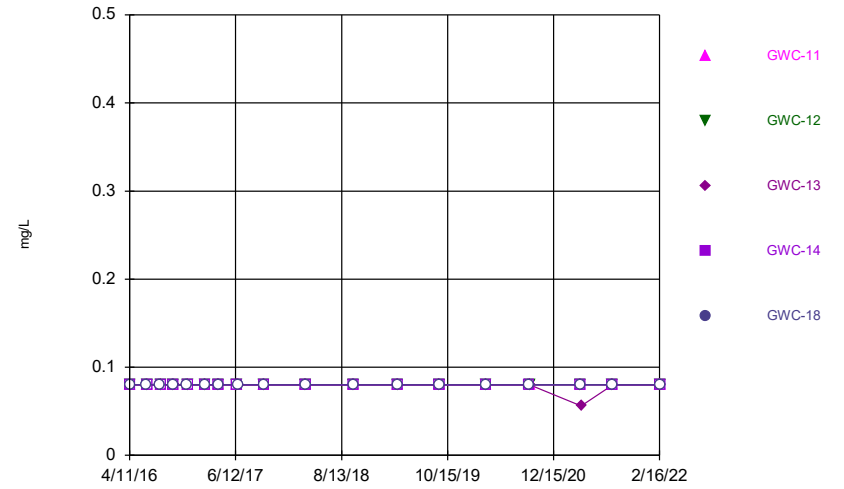
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



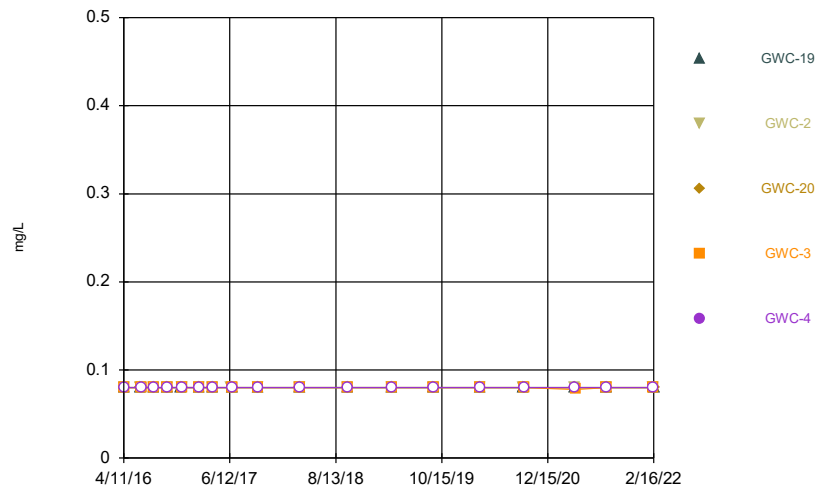
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



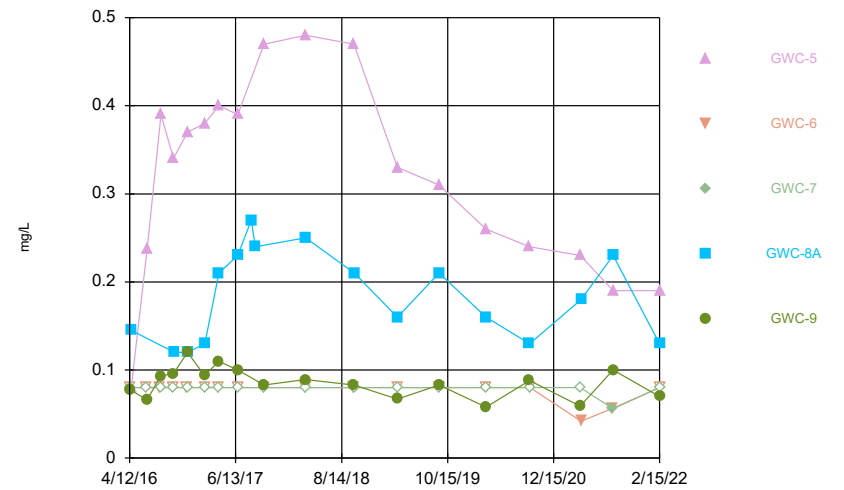
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



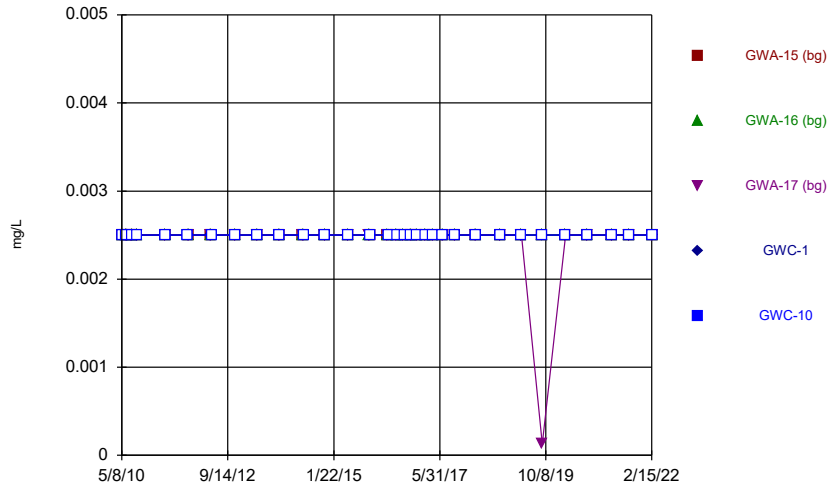
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Time Series



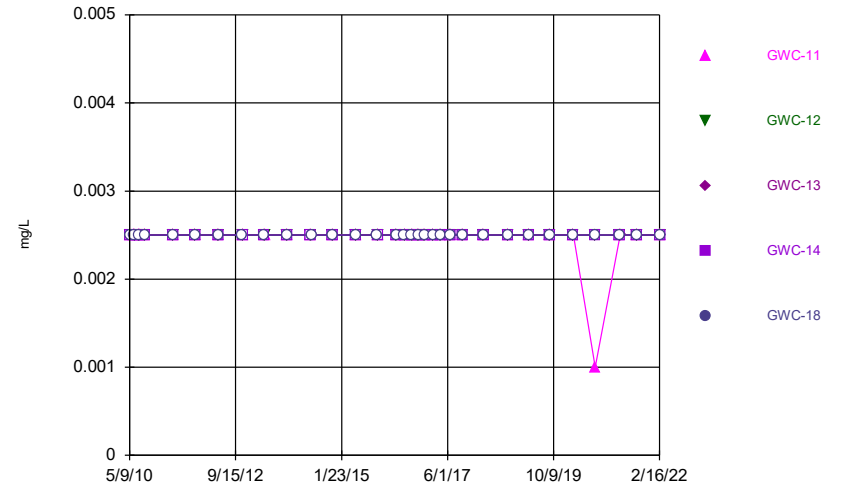
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



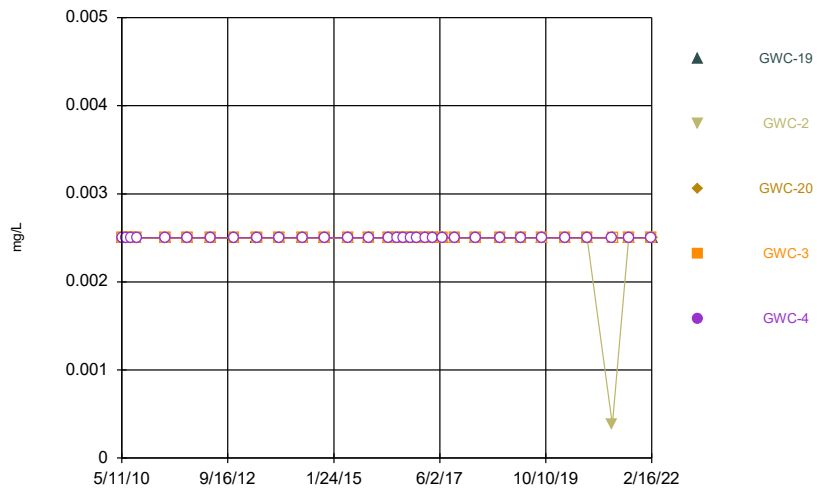
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Time Series



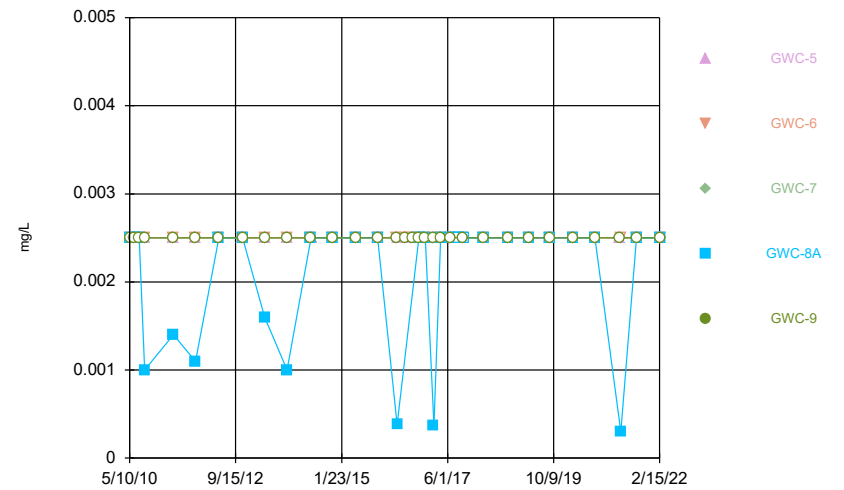
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Time Series



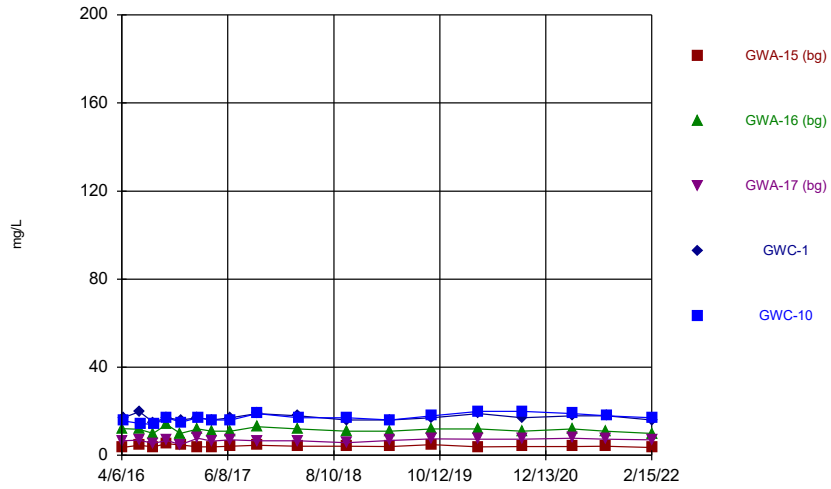
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Time Series



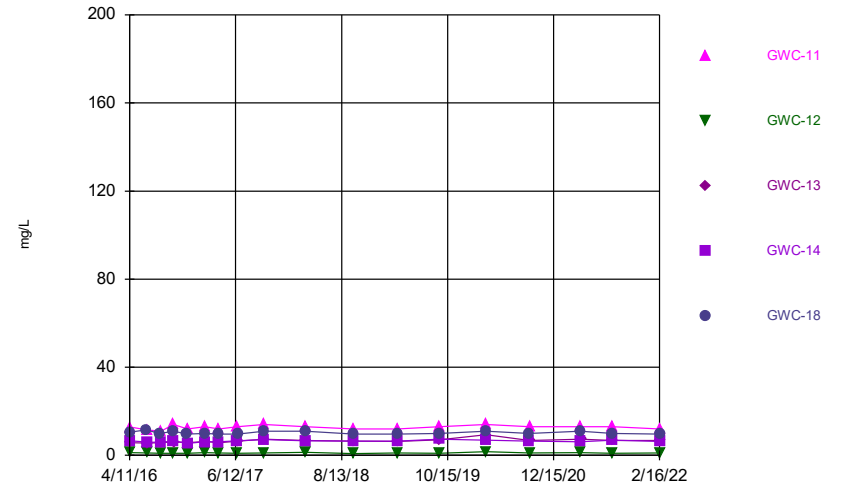
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Time Series



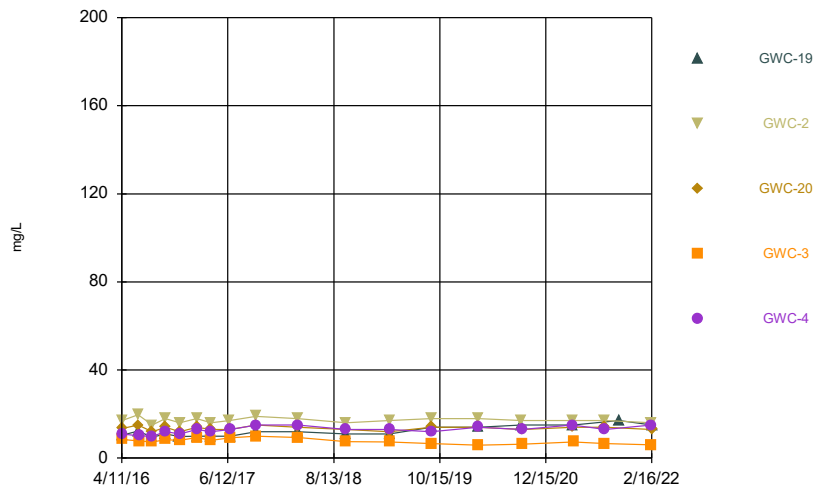
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Time Series



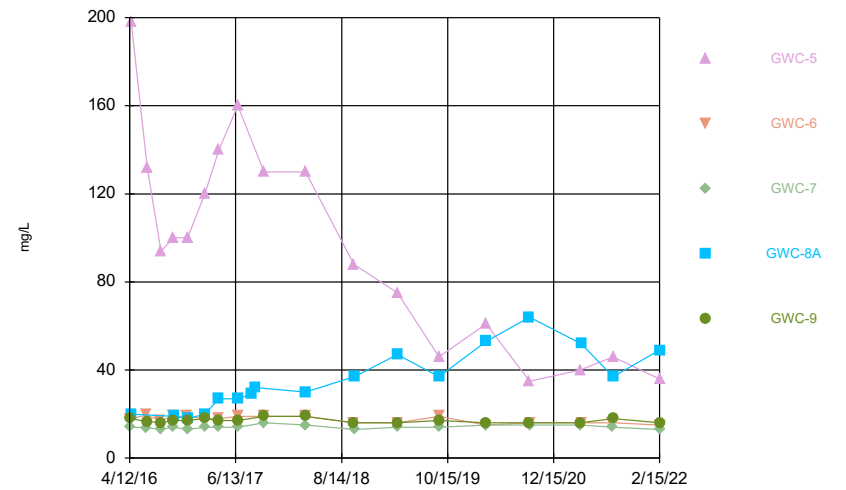
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Time Series



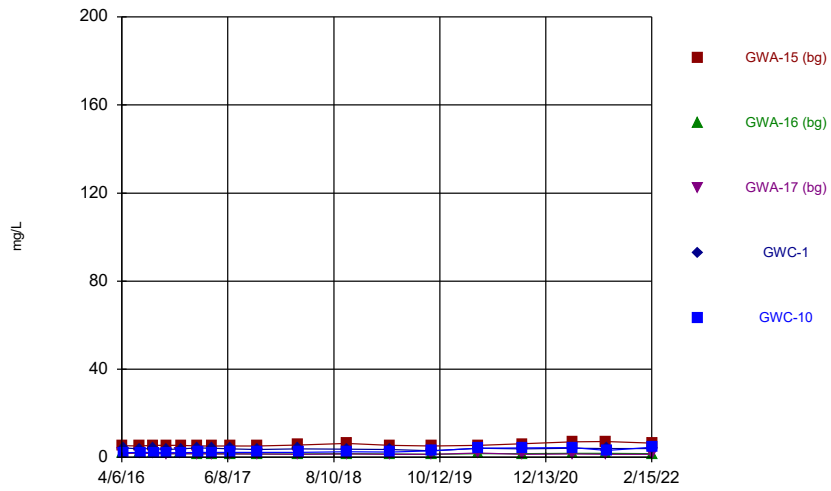
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Time Series



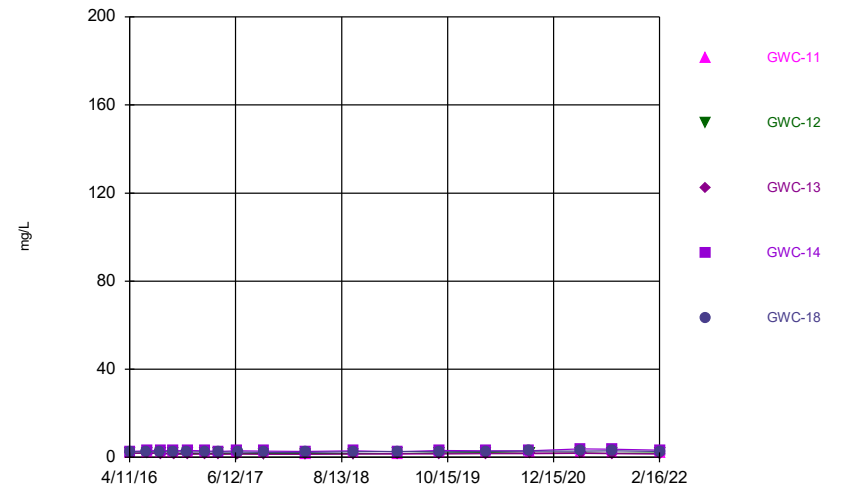
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Time Series



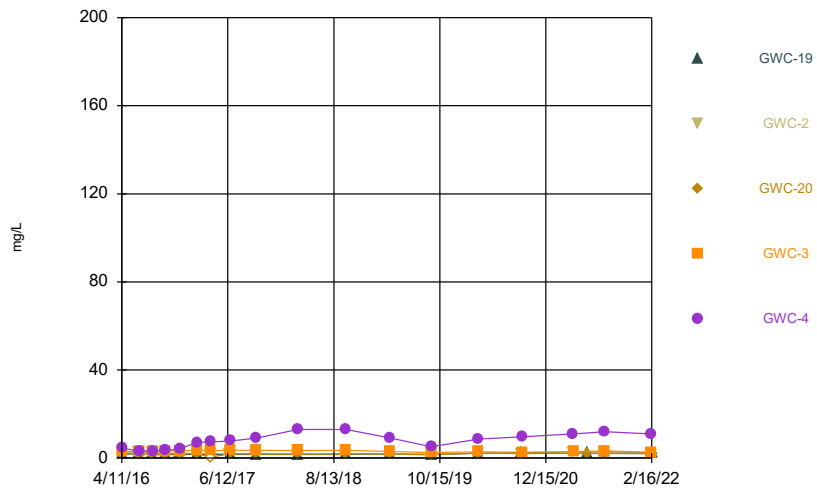
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Time Series



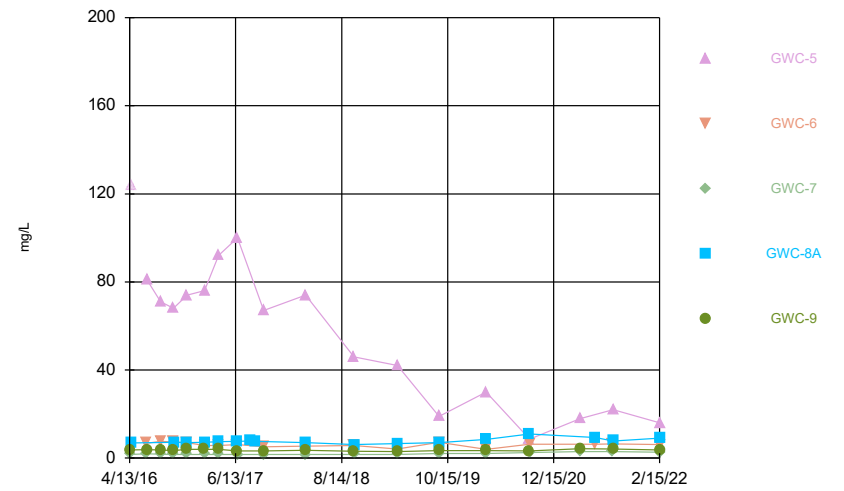
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 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



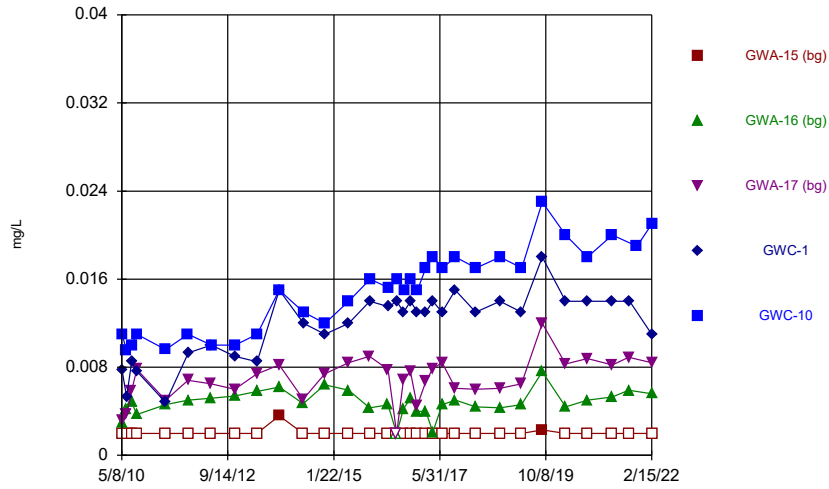
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Time Series



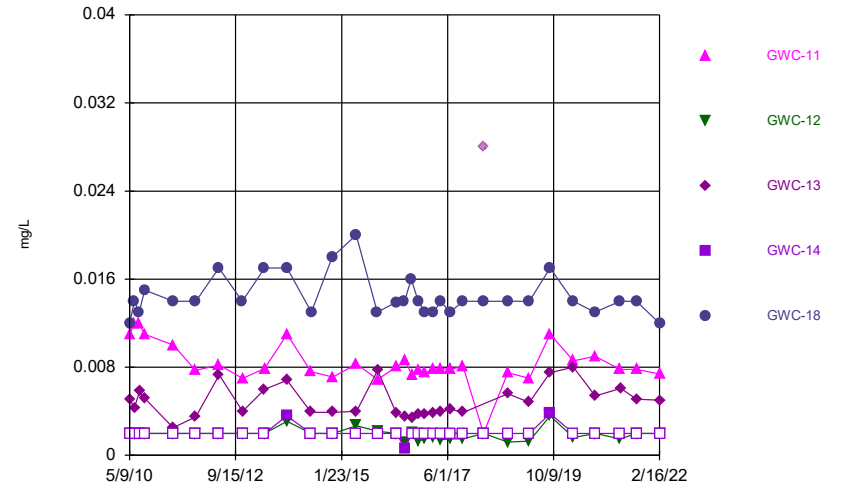
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 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



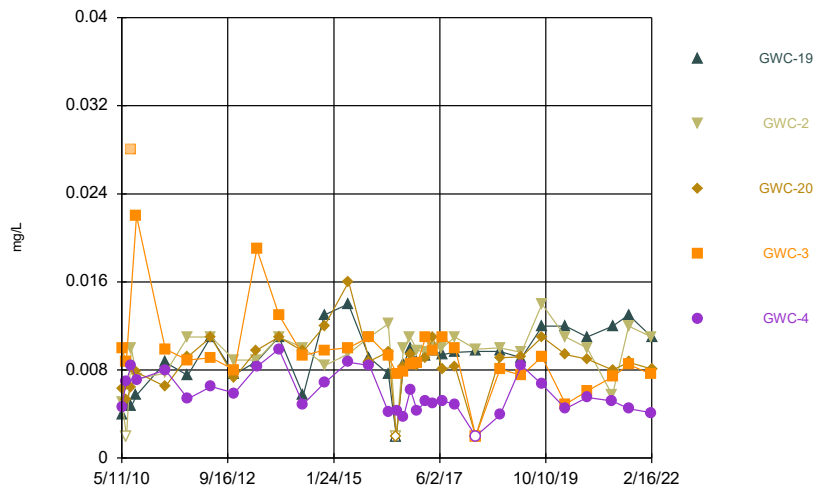
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Time Series



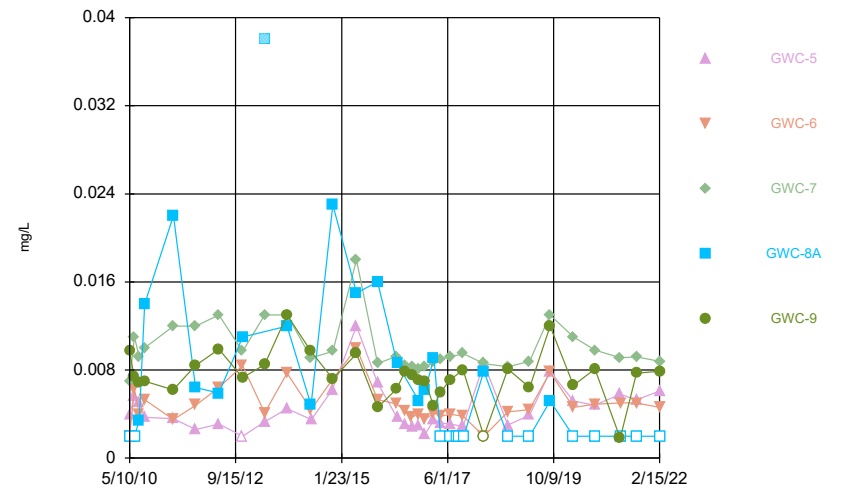
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



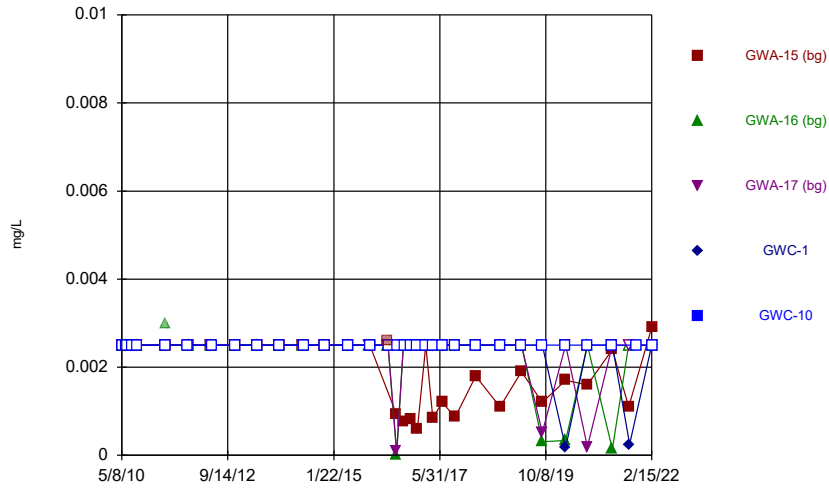
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Time Series



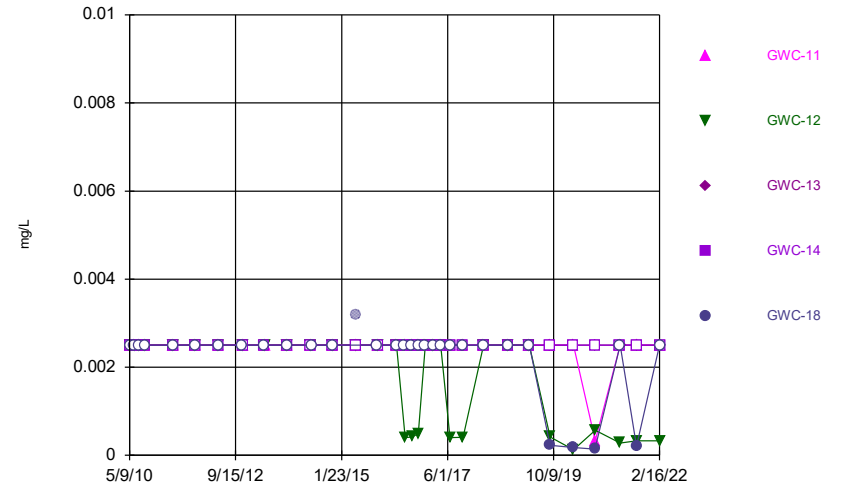
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Time Series



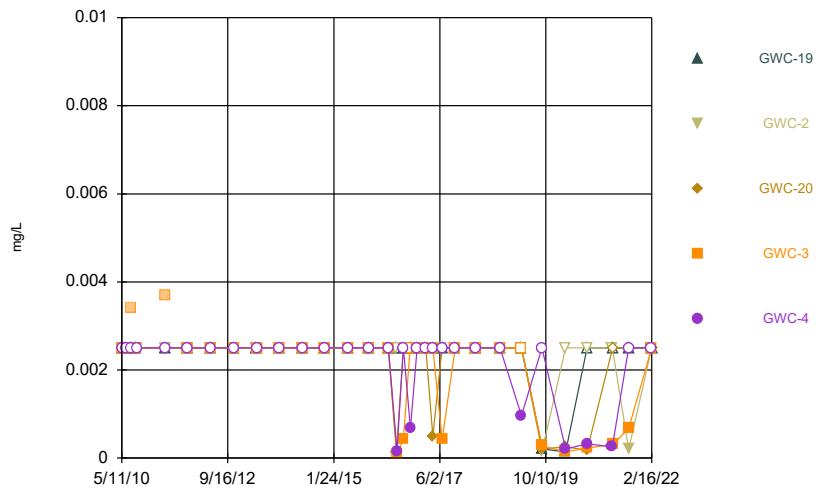
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Time Series



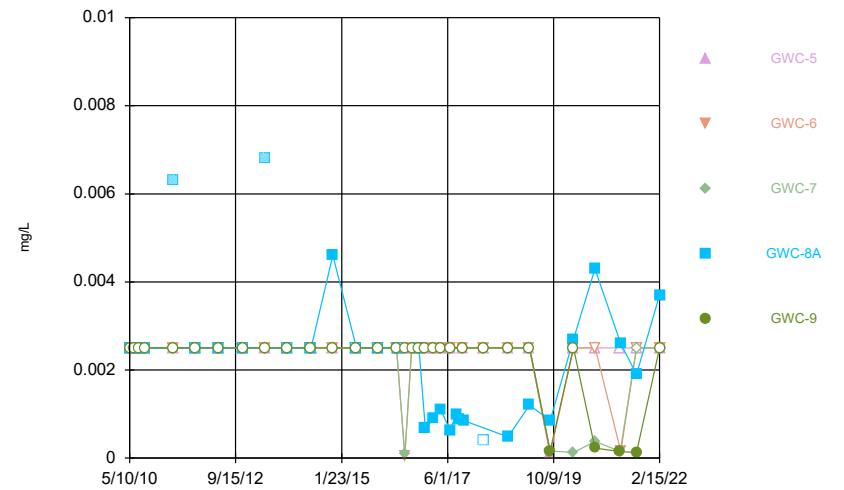
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Time Series



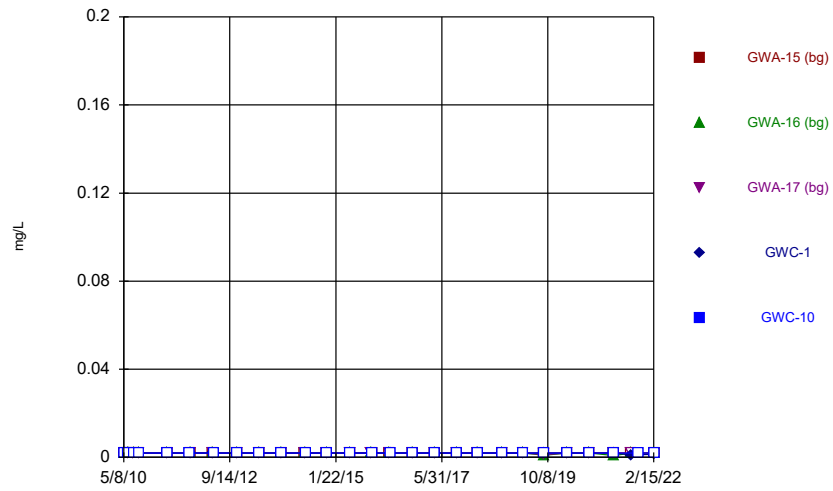
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Time Series



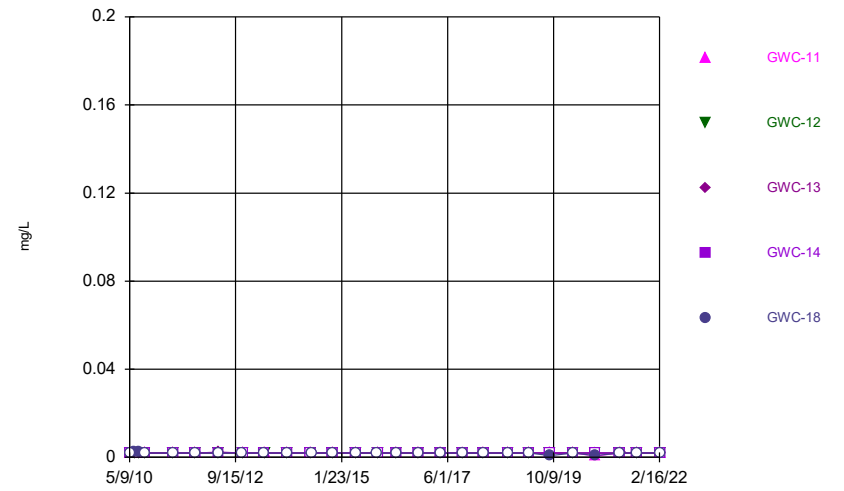
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Time Series



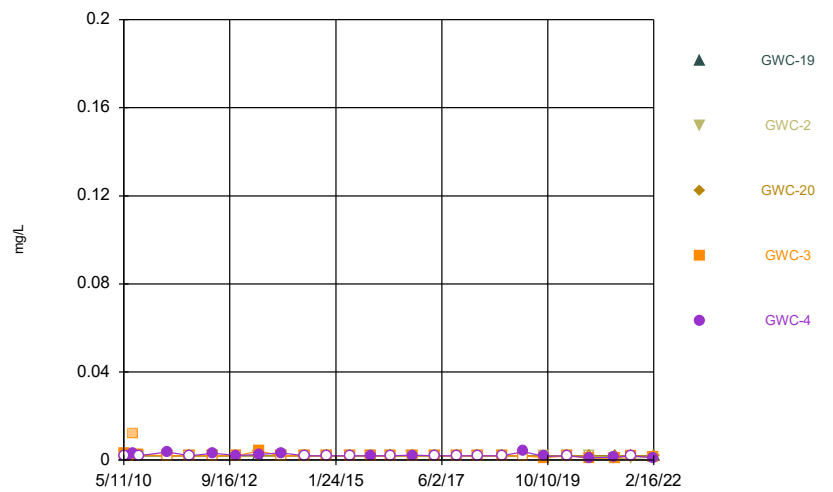
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Time Series



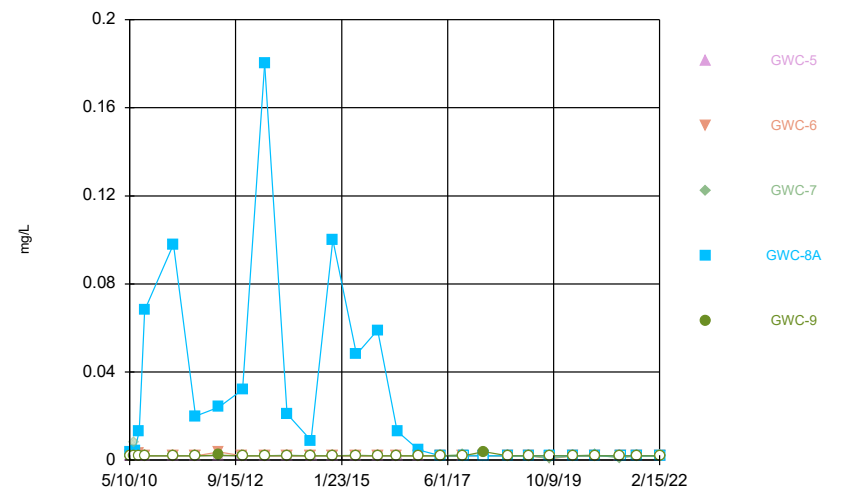
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Time Series



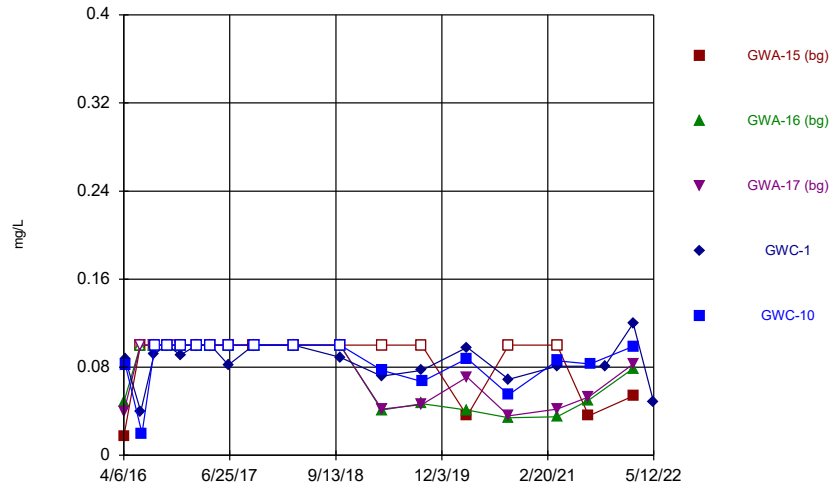
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Time Series



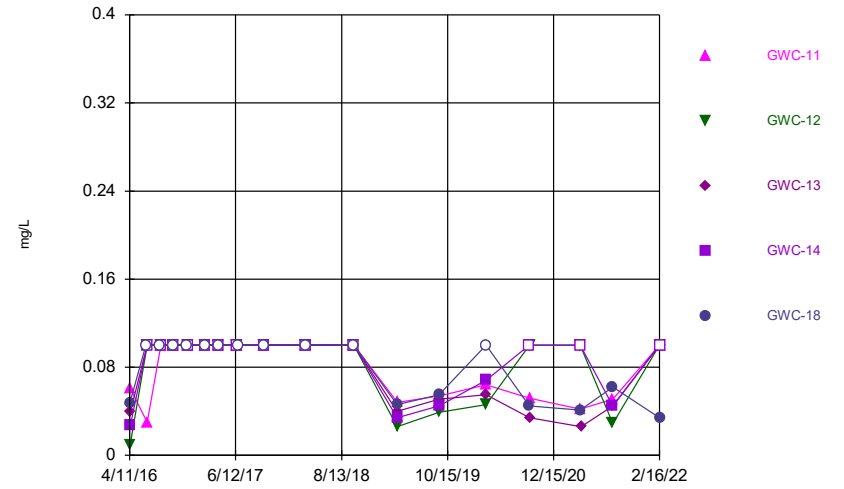
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



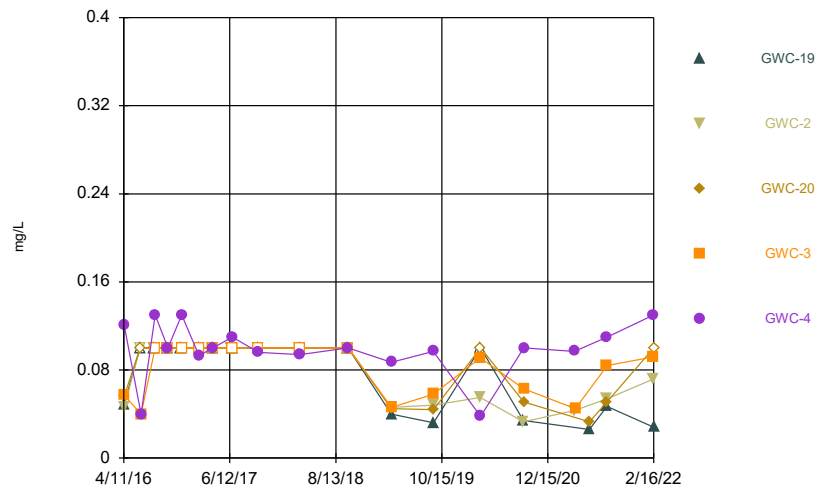
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Time Series



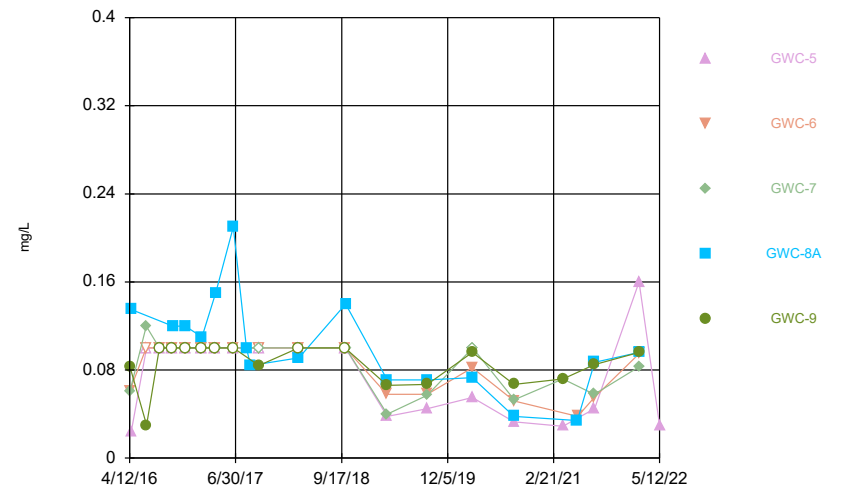
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Time Series



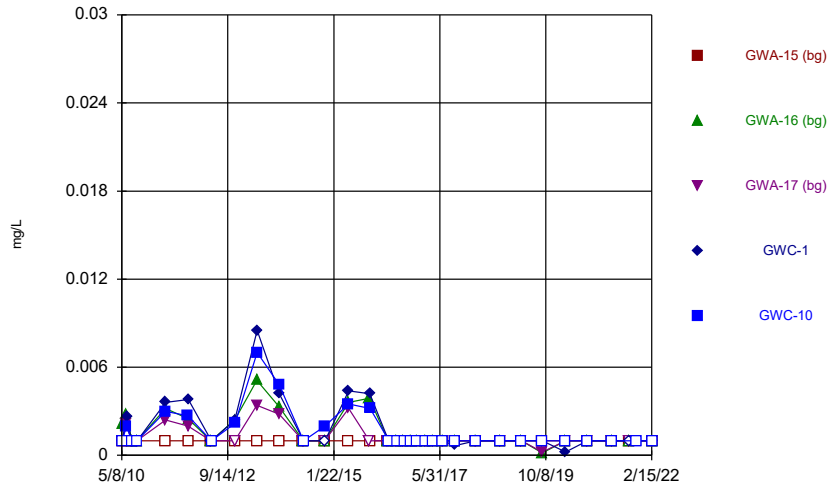
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Time Series



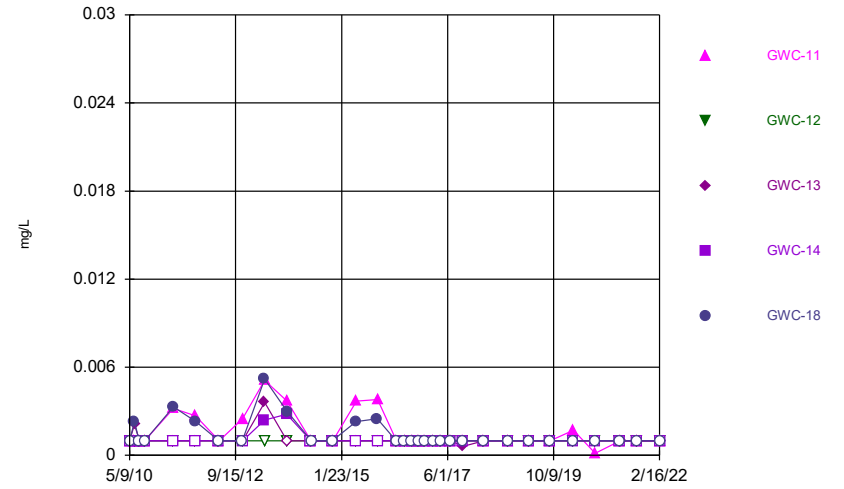
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Time Series



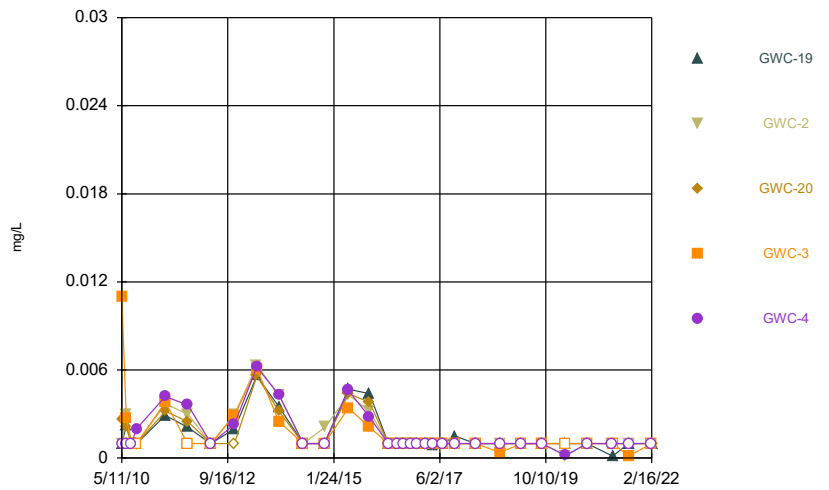
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Time Series



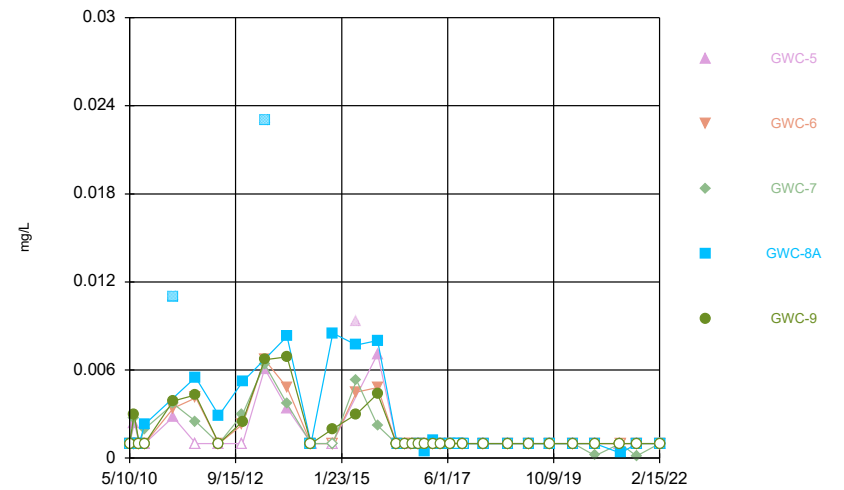
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Time Series



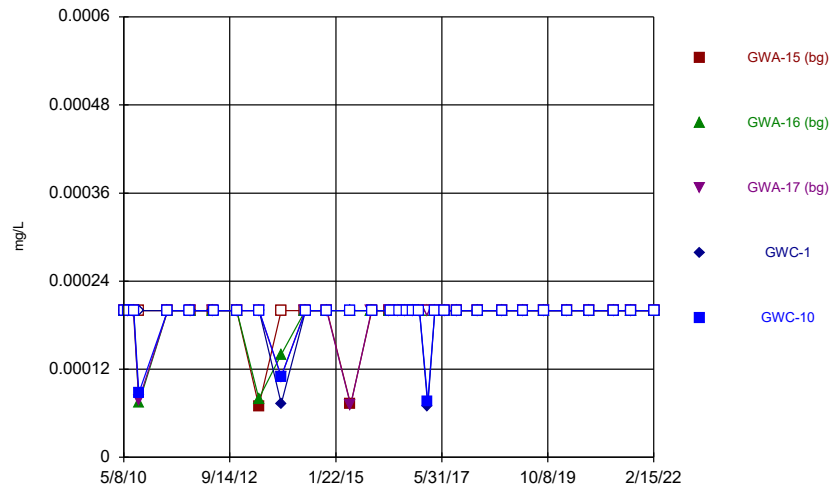
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Time Series



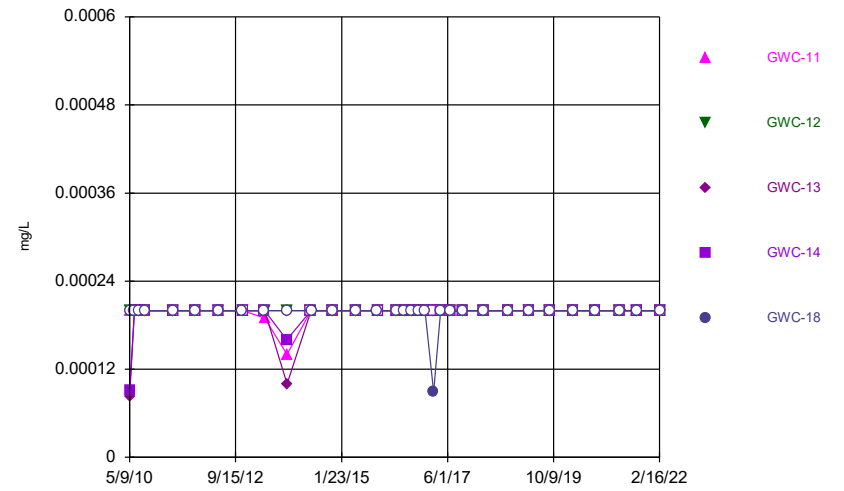
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Time Series



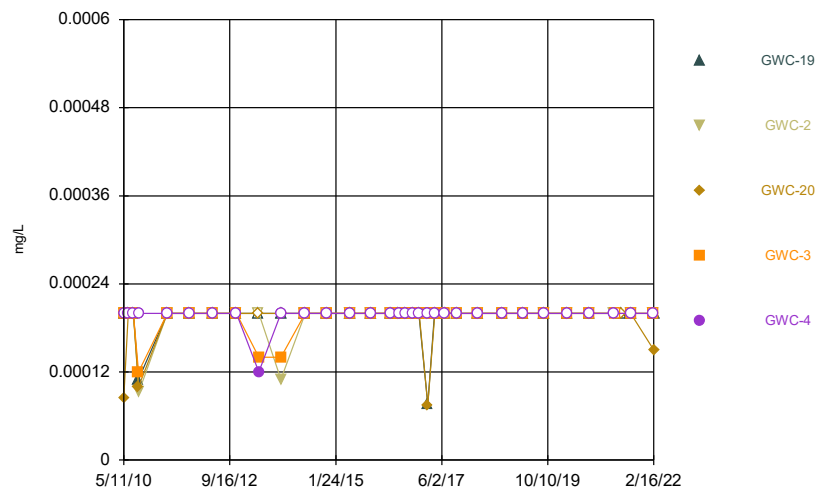
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



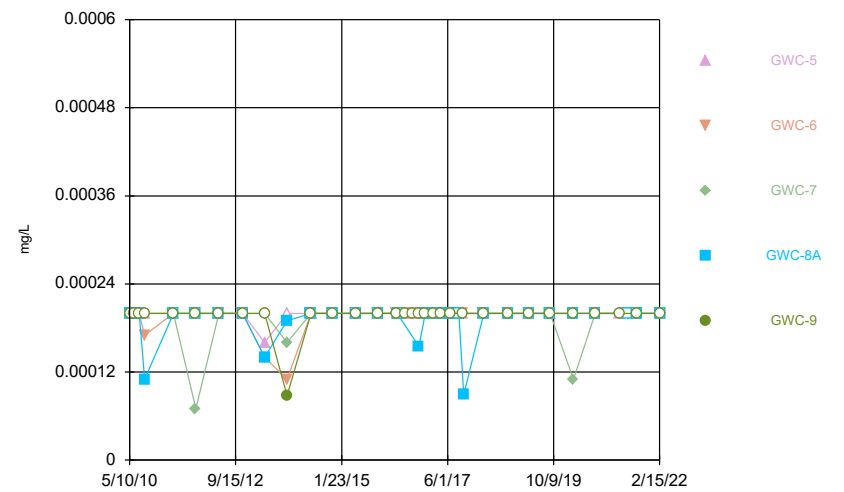
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



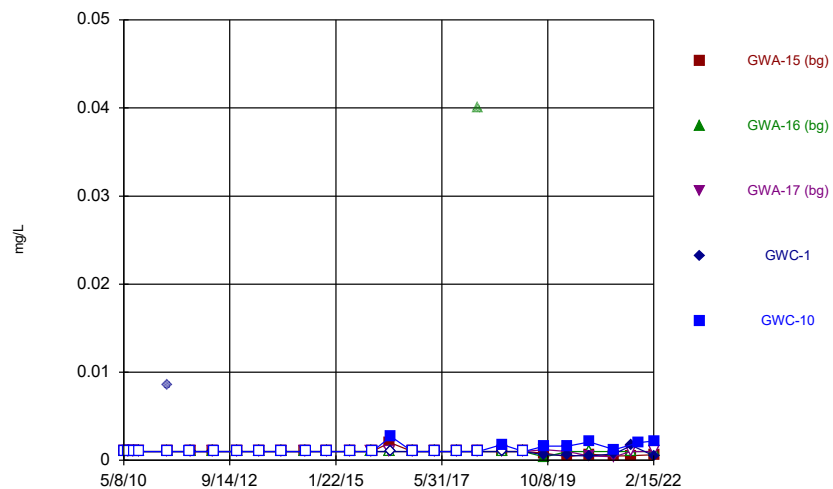
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Time Series



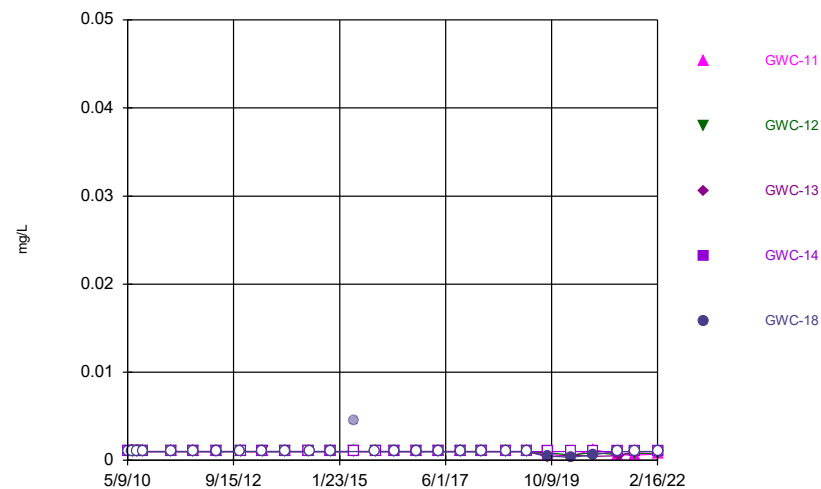
Constituent: Mercury Analysis Run 7/6/2022 8:01 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



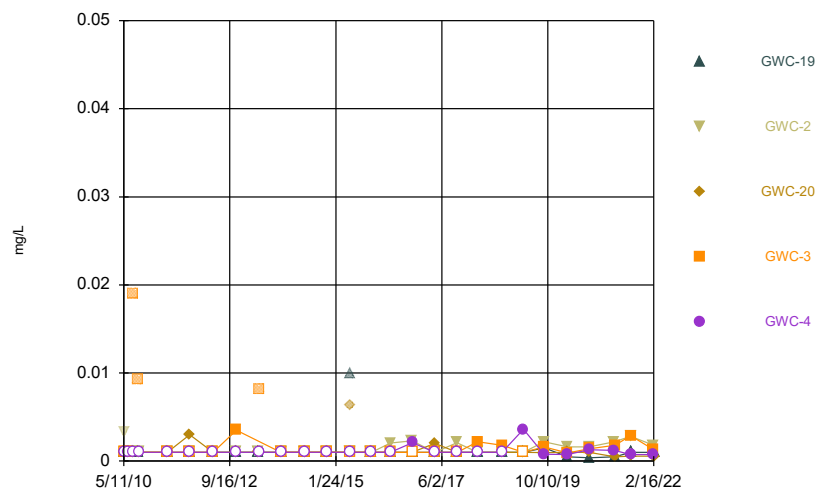
Constituent: Nickel Analysis Run 7/6/2022 8:01 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



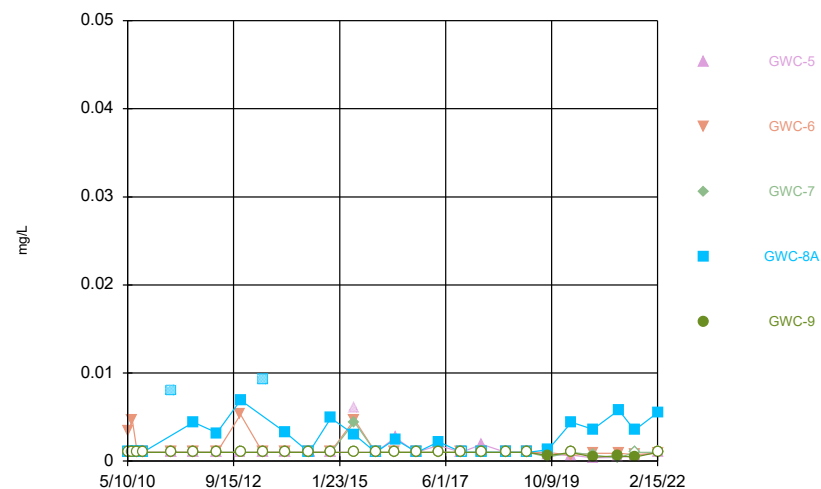
Constituent: Nickel Analysis Run 7/6/2022 8:01 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



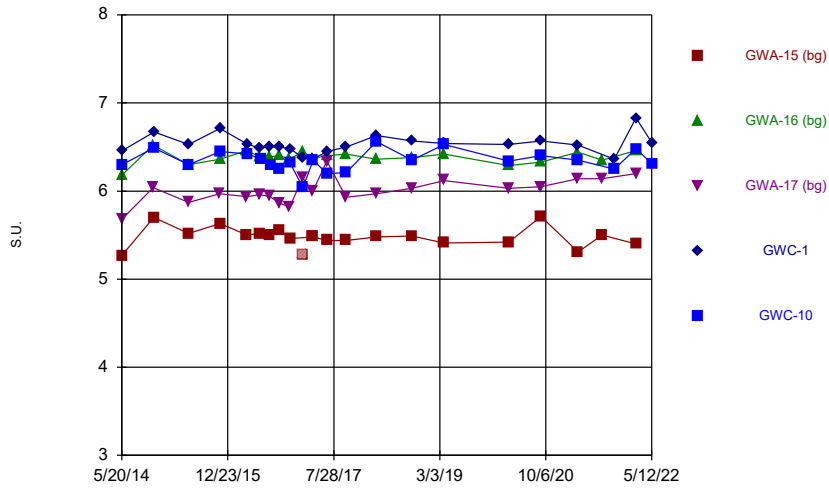
Constituent: Nickel Analysis Run 7/6/2022 8:01 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



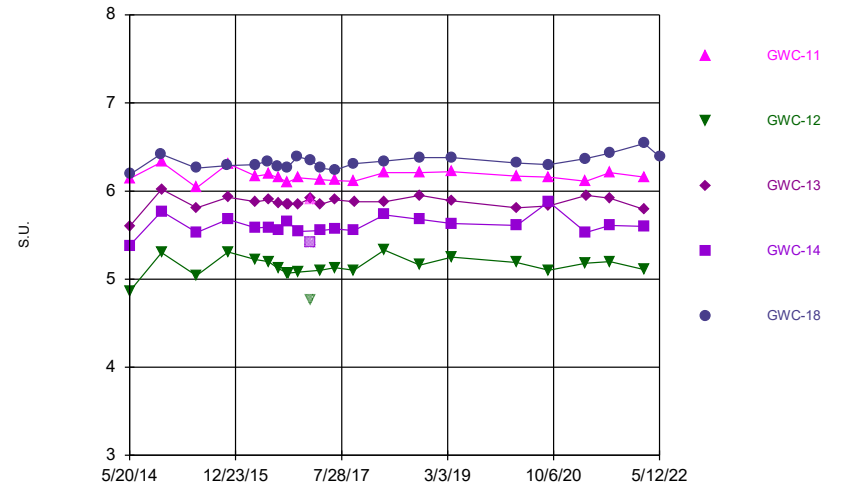
Constituent: Nickel Analysis Run 7/6/2022 8:01 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



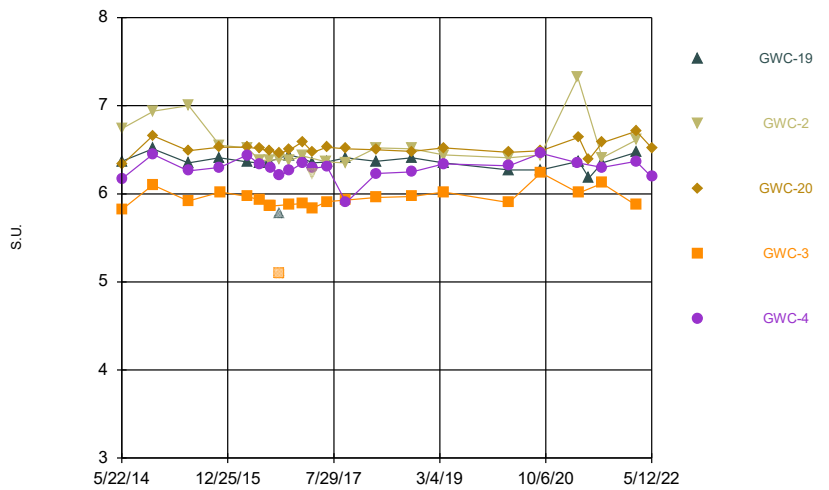
Constituent: pH Analysis Run 7/6/2022 8:01 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



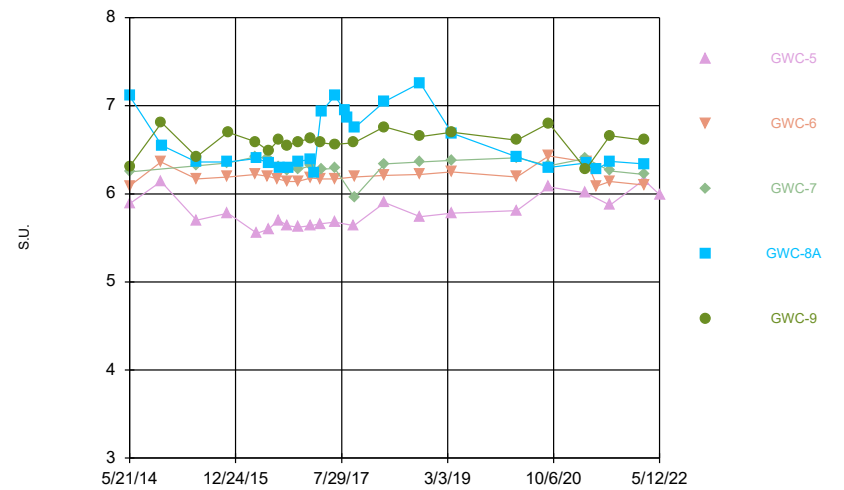
Constituent: pH Analysis Run 7/6/2022 8:01 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



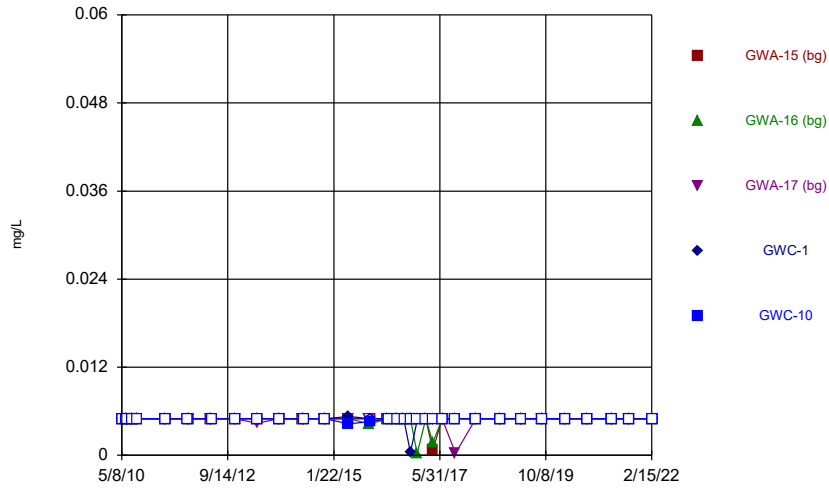
Constituent: pH Analysis Run 7/6/2022 8:01 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



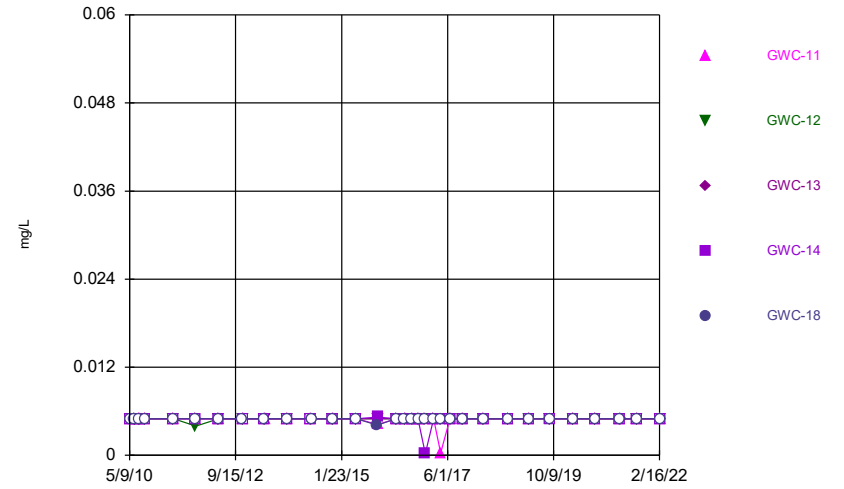
Constituent: pH Analysis Run 7/6/2022 8:01 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



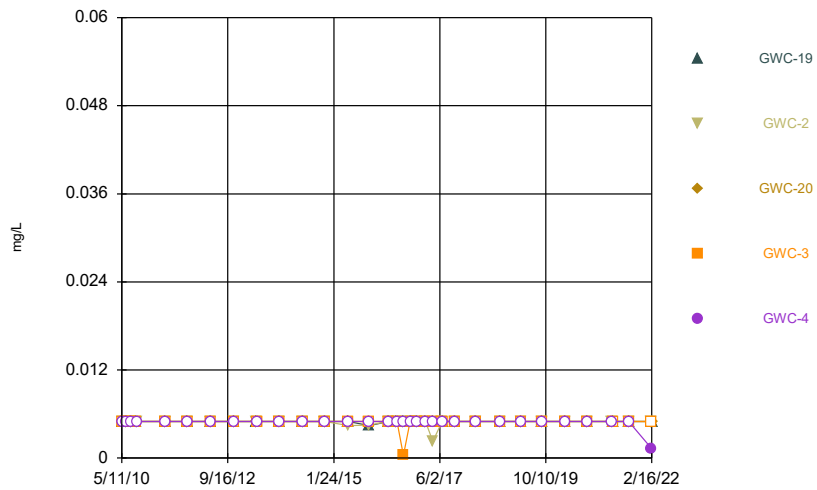
Constituent: Selenum, Total Analysis Run 7/6/2022 8:01 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



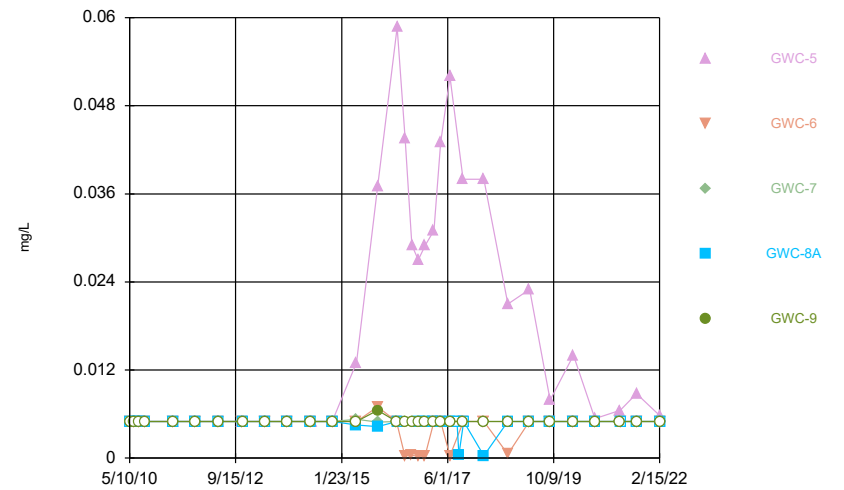
Constituent: Selenum, Total Analysis Run 7/6/2022 8:01 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



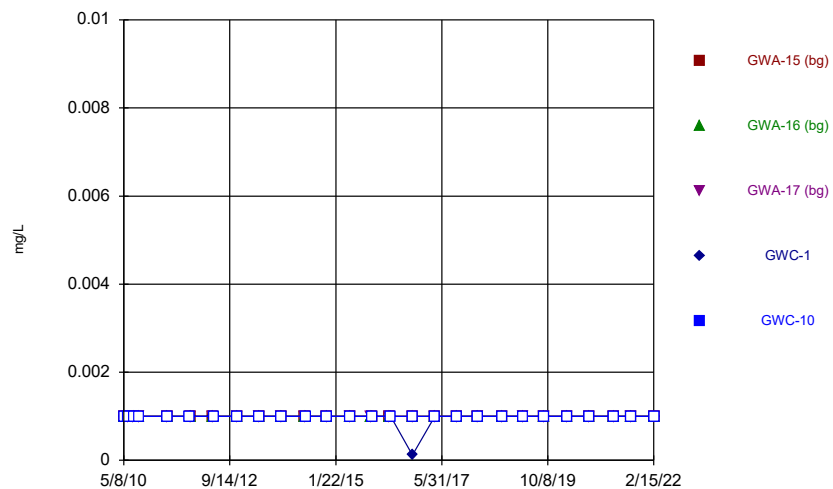
Constituent: Selenum, Total Analysis Run 7/6/2022 8:01 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



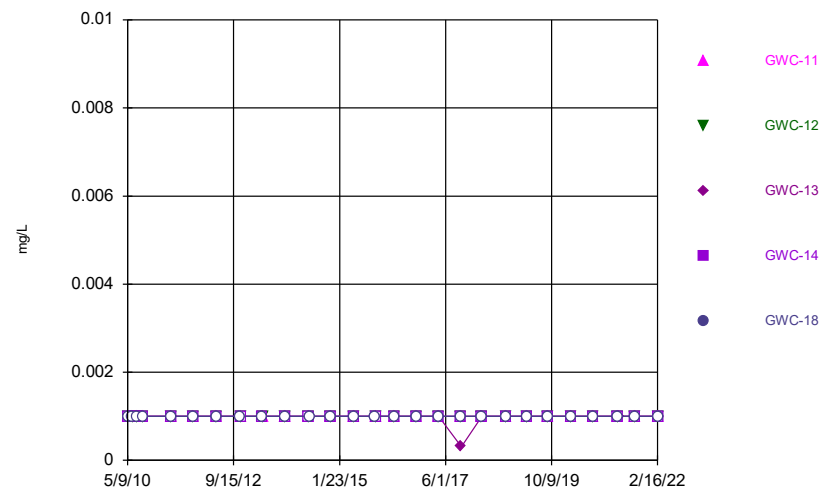
Constituent: Selenum, Total Analysis Run 7/6/2022 8:01 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



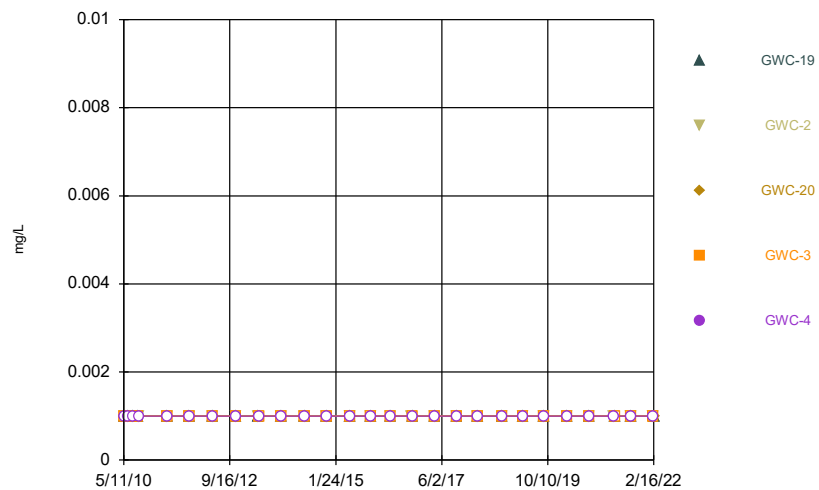
Constituent: Silver Analysis Run 7/6/2022 8:01 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



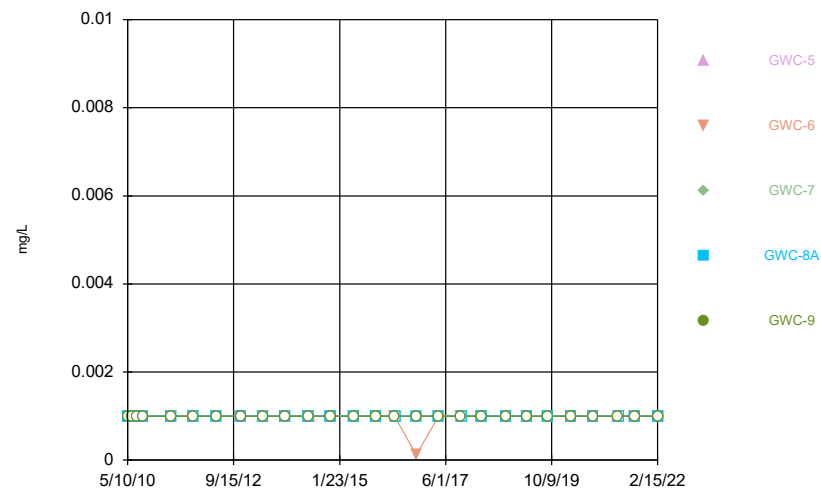
Constituent: Silver Analysis Run 7/6/2022 8:01 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



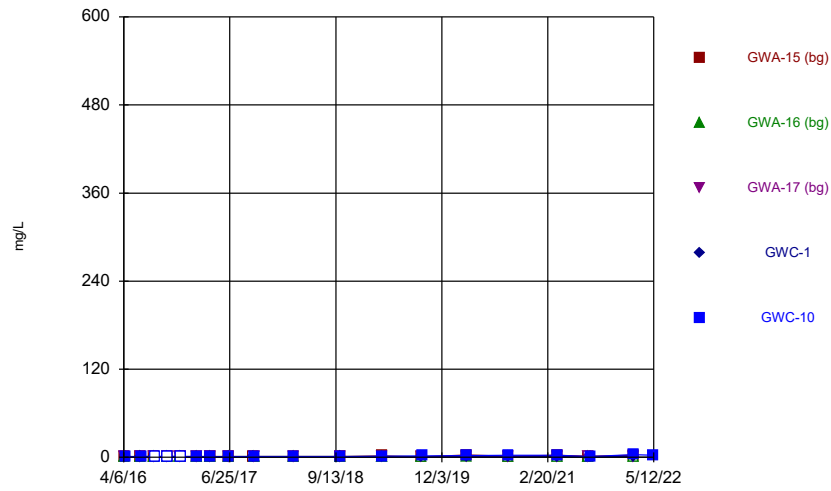
Constituent: Silver Analysis Run 7/6/2022 8:01 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



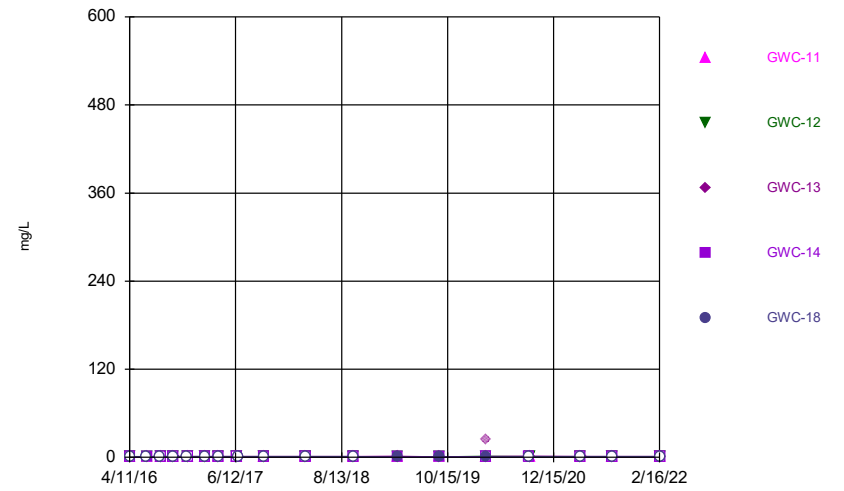
Constituent: Silver Analysis Run 7/6/2022 8:01 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



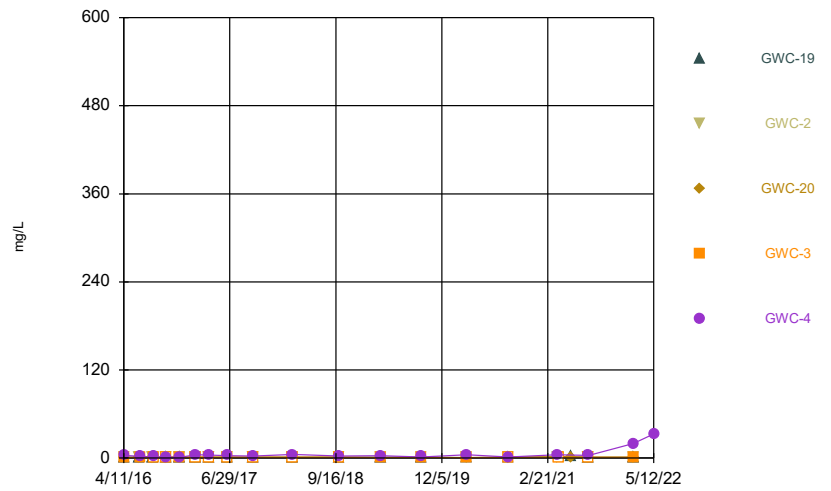
Constituent: Sulfate Analysis Run 7/6/2022 8:01 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



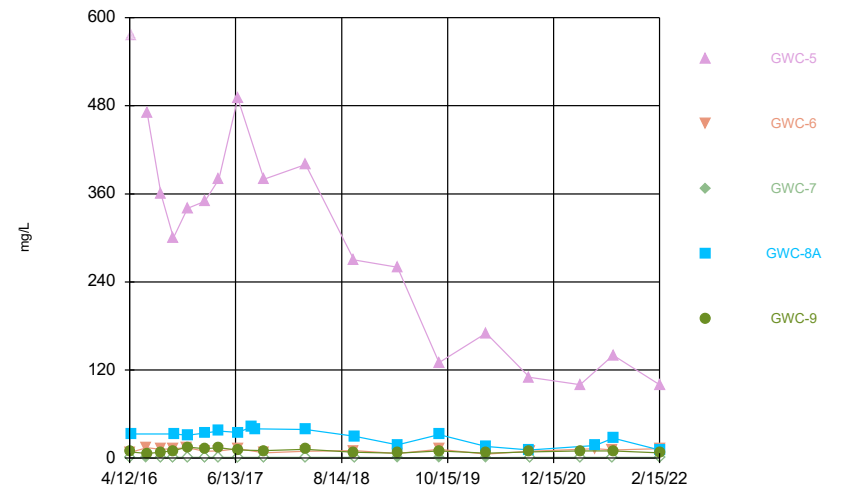
Constituent: Sulfate Analysis Run 7/6/2022 8:01 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



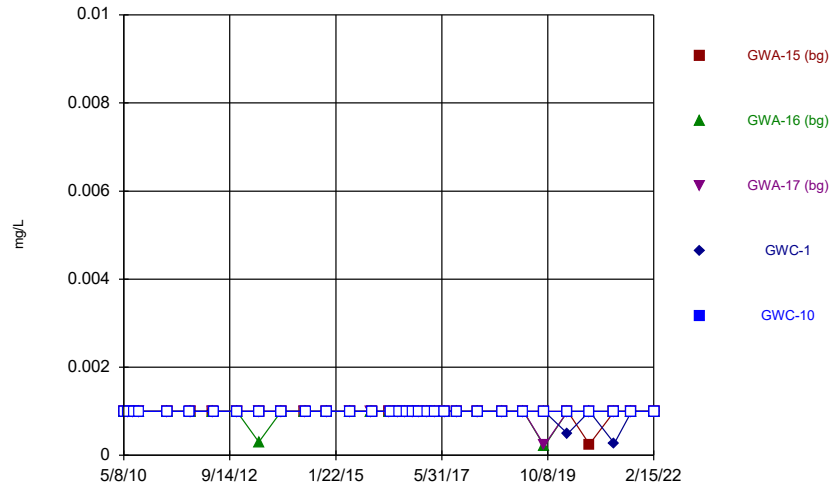
Constituent: Sulfate Analysis Run 7/6/2022 8:01 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



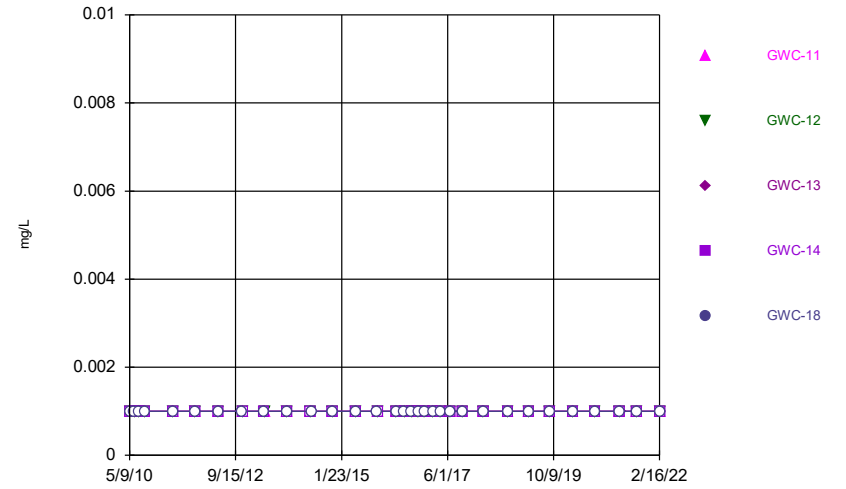
Constituent: Sulfate Analysis Run 7/6/2022 8:01 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



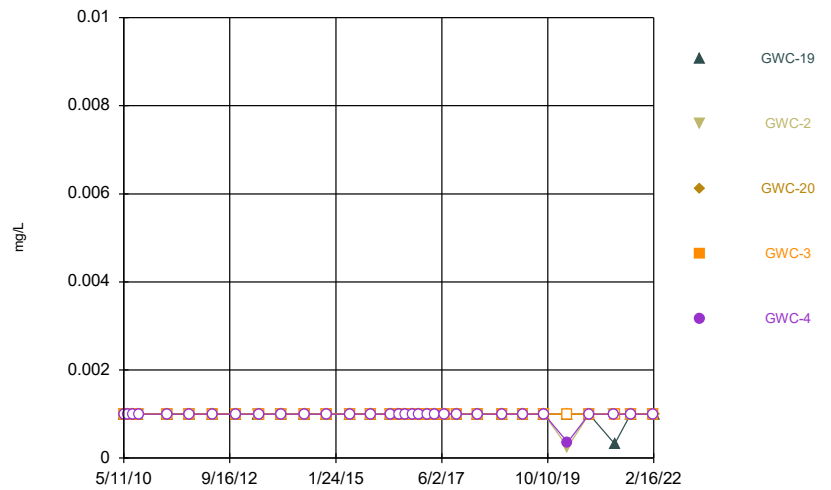
Constituent: Thallium, Total Analysis Run 7/6/2022 8:01 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



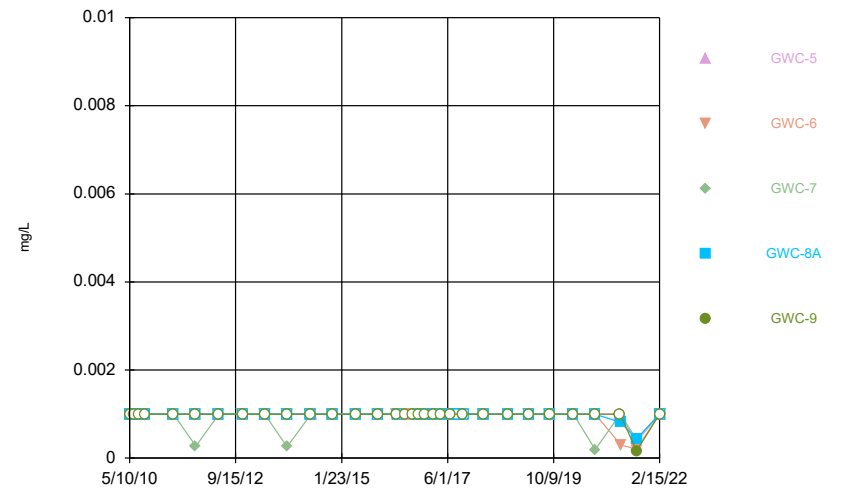
Constituent: Thallium, Total Analysis Run 7/6/2022 8:01 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



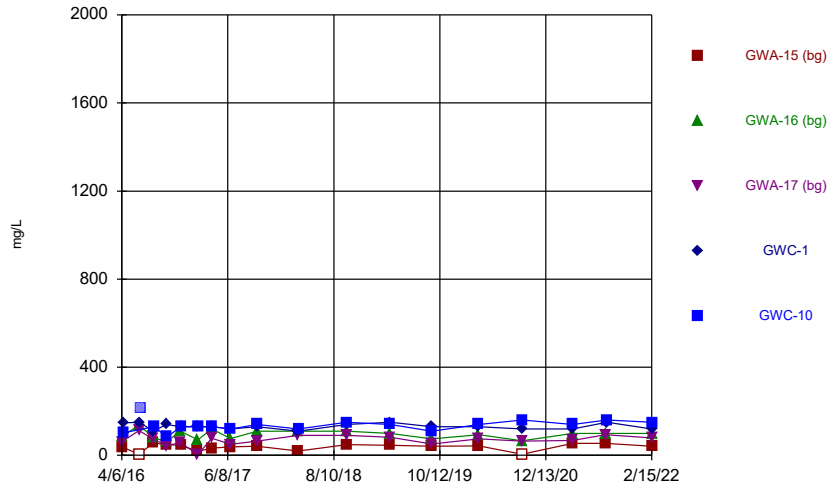
Constituent: Thallium, Total Analysis Run 7/6/2022 8:01 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



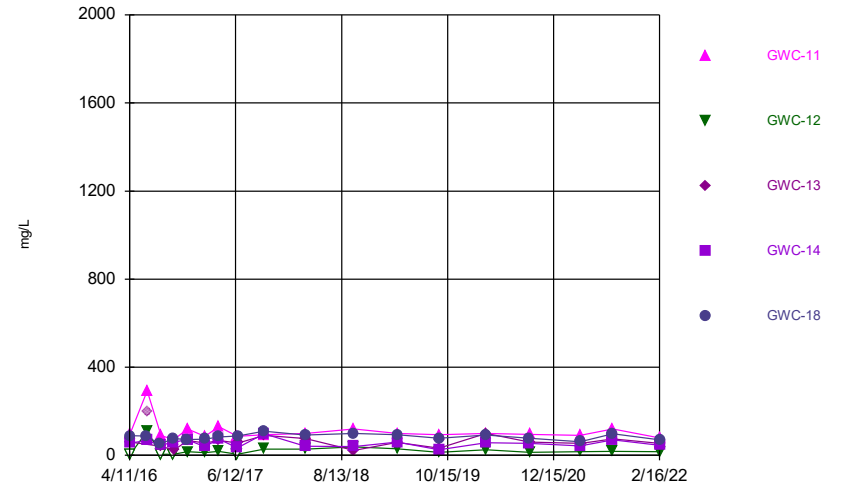
Constituent: Thallium, Total Analysis Run 7/6/2022 8:01 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



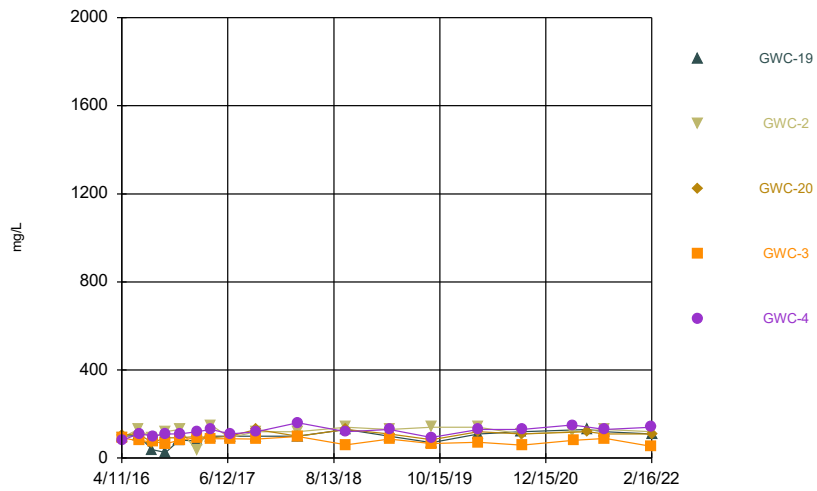
Constituent: Total Dissolved Solids Analysis Run 7/6/2022 8:01 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



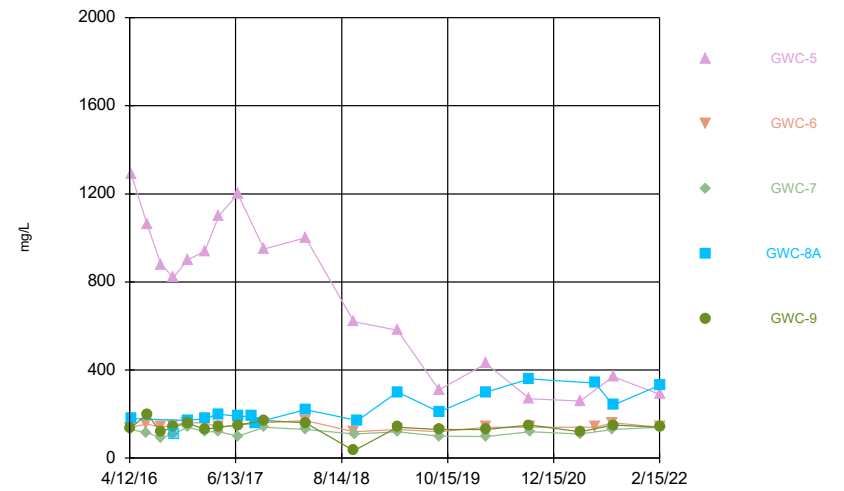
Constituent: Total Dissolved Solids Analysis Run 7/6/2022 8:01 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



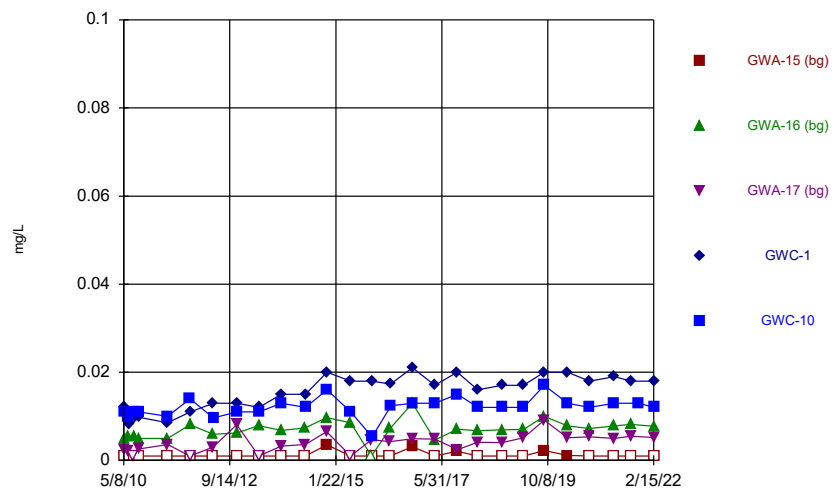
Constituent: Total Dissolved Solids Analysis Run 7/6/2022 8:01 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



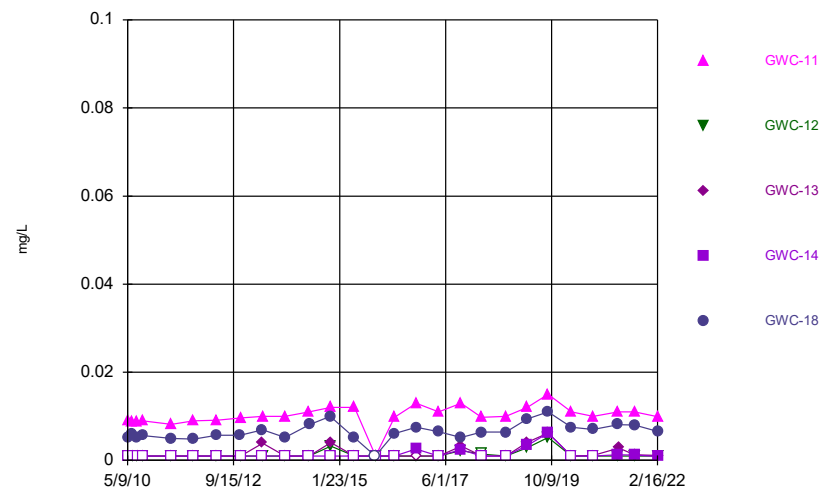
Constituent: Total Dissolved Solids Analysis Run 7/6/2022 8:01 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



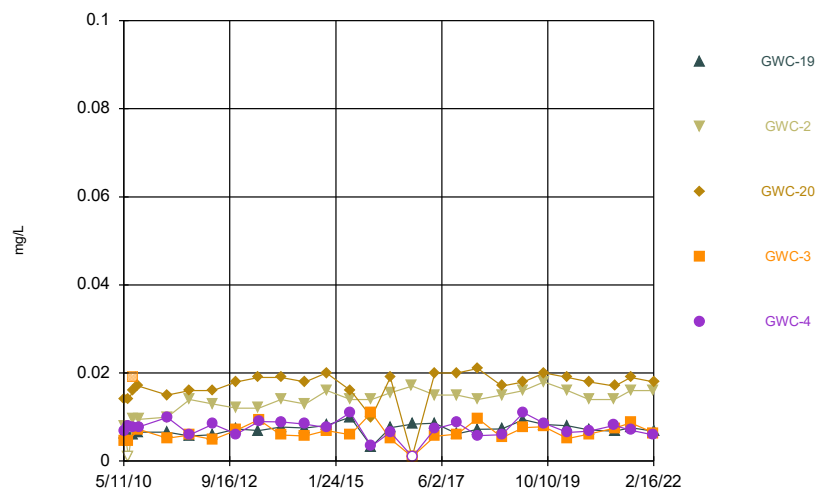
Constituent: Vanadium Analysis Run 7/6/2022 8:01 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



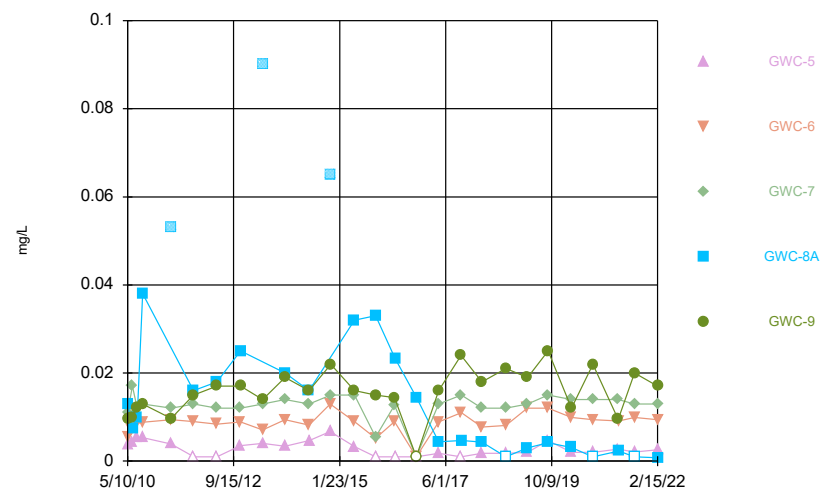
Constituent: Vanadium Analysis Run 7/6/2022 8:01 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



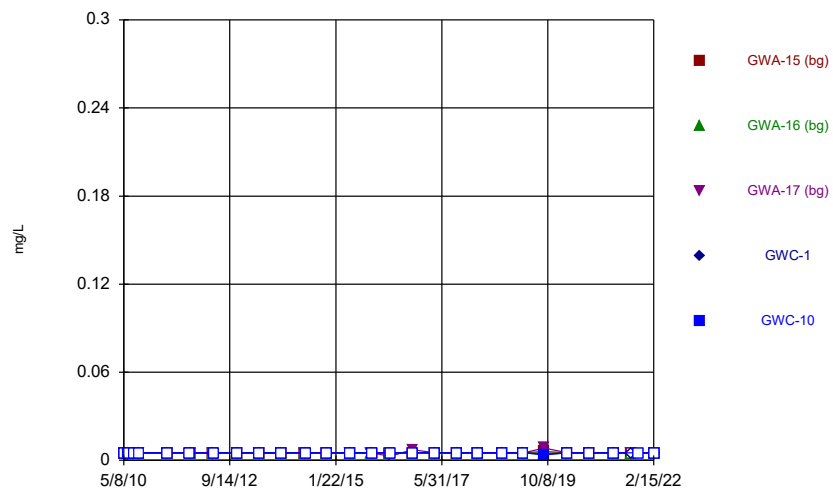
Constituent: Vanadium Analysis Run 7/6/2022 8:01 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



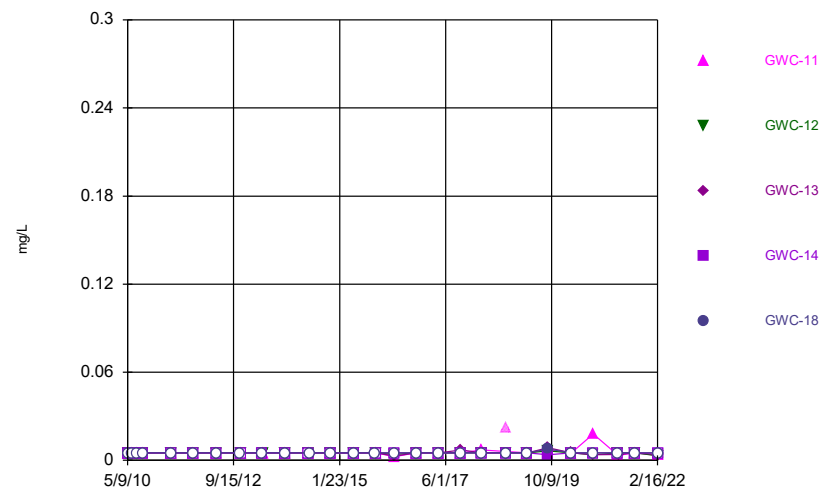
Constituent: Vanadium Analysis Run 7/6/2022 8:01 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



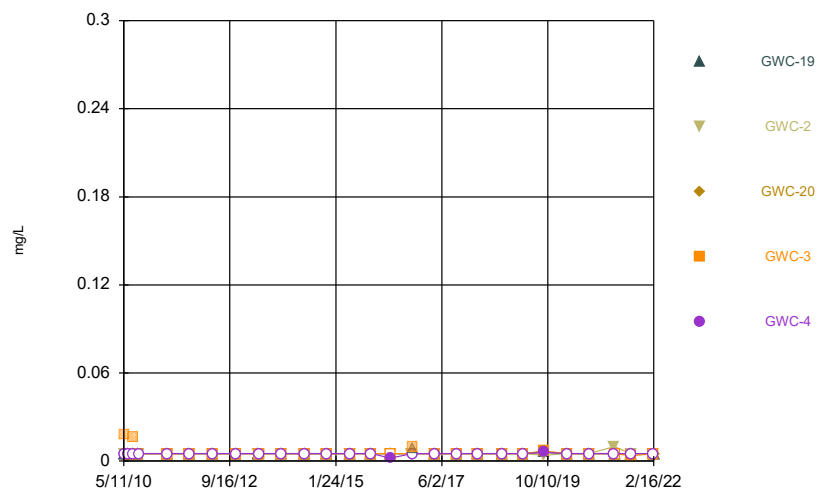
Constituent: Zinc Analysis Run 7/6/2022 8:01 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



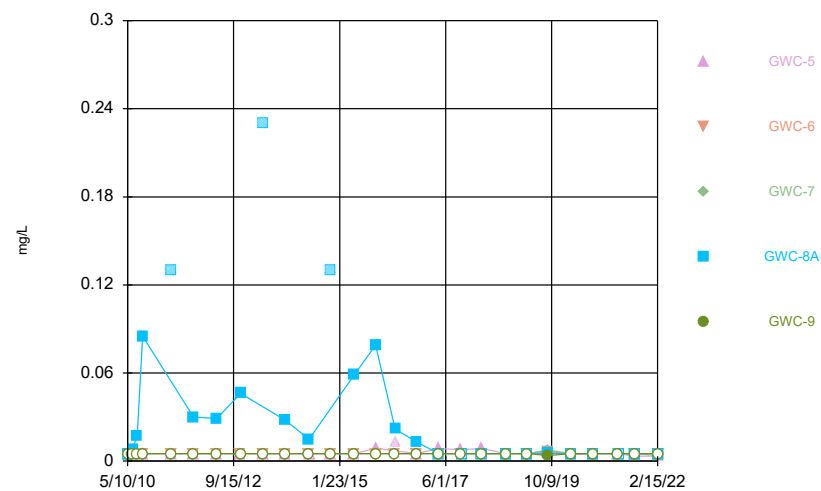
Constituent: Zinc Analysis Run 7/6/2022 8:02 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



Constituent: Zinc Analysis Run 7/6/2022 8:02 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series



Constituent: Zinc Analysis Run 7/6/2022 8:02 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Time Series

Constituent: Antimony, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
5/8/2010			<0.002		
5/9/2010	<0.002	<0.002			
5/10/2010					<0.002
5/11/2010				<0.002	
6/16/2010		<0.002	<0.002		<0.002
6/17/2010				<0.002	
6/18/2010	<0.002				
7/26/2010			<0.002		
7/27/2010		<0.002		<0.002	
7/28/2010	<0.002				<0.002
9/7/2010		<0.002	<0.002		
9/8/2010					<0.002
9/9/2010	<0.002			<0.002	
4/28/2011				<0.002	
4/29/2011		<0.002	<0.002		<0.002
4/30/2011	<0.002				
10/27/2011					<0.002
10/28/2011	<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	
5/4/2012					<0.002
11/9/2012	<0.002	<0.002	<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			<0.002	<0.002
11/6/2013		<0.002	<0.002		
5/20/2014	<0.002	<0.002	<0.002		
5/21/2014					<0.002
5/23/2014				<0.002	
11/8/2014		<0.002	<0.002		
11/12/2014	<0.002				<0.002
11/13/2014				<0.002	
5/22/2015	<0.002	<0.002	<0.002		
5/23/2015				<0.002	<0.002
11/9/2015		<0.002	<0.002		
11/11/2015	<0.002			<0.002	
11/12/2015					<0.002
4/6/2016	<0.002	<0.002	<0.002		
4/12/2016				<0.002	
4/13/2016					<0.002 (D)
6/15/2016	<0.002	<0.002	<0.002		
6/16/2016				<0.002	
6/21/2016					<0.002
8/10/2016	<0.002	<0.002	<0.002		
8/11/2016				<0.002	
8/15/2016					<0.002
10/4/2016	<0.002	<0.002		<0.002	
10/5/2016			<0.002		<0.002
11/29/2016		<0.002	<0.002		
11/30/2016	<0.002			<0.002	

Time Series

Constituent: Antimony, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
12/1/2016					<0.002
2/7/2017	<0.002	0.001 (J)	<0.002	<0.002	
2/8/2017					<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	
6/21/2017					<0.002
10/4/2017	<0.002			<0.002	
10/5/2017		<0.002	<0.002		<0.002
3/20/2018	<0.002 (D)	<0.002	<0.002	<0.002	
3/21/2018					<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	
3/27/2019					<0.002
9/10/2019	<0.002	<0.002	<0.002	<0.002	
9/11/2019					<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	<0.002	<0.002	<0.002	<0.002
8/11/2021	<0.002	<0.002	<0.002		
8/17/2021					<0.002
8/18/2021				<0.002	
2/15/2022	<0.002	<0.002	<0.002	<0.002	<0.002

Time Series

Constituent: Antimony, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
5/9/2010		<0.002	<0.002	<0.002	
5/10/2010	<0.002				<0.002
6/16/2010	<0.002				<0.002
6/18/2010		<0.002	<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
9/8/2010	<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	
10/27/2011	<0.002				
10/28/2011		<0.002	<0.002	<0.002	<0.002
5/2/2012					<0.002
5/3/2012		<0.002		<0.002	
5/4/2012	<0.002		<0.002		
11/9/2012					<0.002
11/10/2012	<0.002	<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	<0.002	<0.002	
5/23/2014					<0.002
11/8/2014					<0.002
11/12/2014	<0.002	<0.002	<0.002	<0.002	
5/22/2015					<0.002
5/23/2015		<0.002			
5/24/2015	<0.002		<0.002	<0.002	
11/10/2015					<0.002
11/11/2015				<0.002	
11/12/2015	<0.002	<0.002	<0.002		
4/11/2016					<0.002
4/13/2016	<0.002 (D)	0.000646 (JD)	<0.002 (D)	<0.002 (D)	
6/16/2016					0.00018 (J)
6/21/2016	<0.002	<0.002	<0.002	<0.002	
8/11/2016					<0.002
8/15/2016	<0.002	<0.002	<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
12/1/2016	<0.002	<0.002	<0.002	<0.002	
2/7/2017				<0.002	
2/8/2017	<0.002	<0.002			<0.002
2/9/2017			<0.002		
4/5/2017		<0.002			

Time Series

Constituent: Antimony, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
4/6/2017	<0.002		<0.002	<0.002	<0.002
6/20/2017	<0.002	<0.002		<0.002	
6/21/2017					<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
3/21/2018	<0.002	<0.002 (D)			
3/22/2018			<0.002		
10/2/2018	<0.002	<0.002		<0.002	<0.002
10/3/2018			<0.002		
3/26/2019		<0.002	<0.002	<0.002	<0.002
3/27/2019	<0.002				
9/11/2019	<0.002	<0.002	<0.002	<0.002	0.00039 (J)
3/18/2020	<0.002	<0.002	<0.002	<0.002	<0.002
9/9/2020				<0.002	<0.002
9/10/2020	<0.002	<0.002	<0.002		
4/1/2021	<0.002	<0.002		<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

Time Series

Constituent: Antimony, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
5/11/2010	<0.002	<0.002	<0.002	<0.002	<0.002
6/16/2010	<0.002				
6/17/2010			<0.002	<0.002	<0.002
6/19/2010		<0.002			
7/27/2010	<0.002	<0.002	<0.002		
7/28/2010				<0.002	<0.002
9/7/2010	<0.002		<0.002	<0.002	
9/8/2010					<0.002
9/9/2010		<0.002			
4/28/2011		<0.002			<0.002
4/29/2011	<0.002		<0.002	<0.002	
10/28/2011	<0.002	<0.002	<0.002	<0.002	
10/29/2011					<0.002
5/2/2012	<0.002				
5/3/2012		<0.002	<0.002	<0.002	<0.002
11/9/2012	<0.002	<0.002		<0.002	
11/10/2012			<0.002		<0.002
5/9/2013	<0.002	<0.002	<0.002		
5/10/2013				<0.002	<0.002
11/5/2013		<0.002			
11/6/2013	<0.002		<0.002	<0.002	<0.002
5/22/2014	<0.002	<0.002	<0.002	<0.002	<0.002
11/8/2014	<0.002				
11/9/2014			<0.002	<0.002	<0.002
11/13/2014		<0.002			
5/22/2015				<0.002	<0.002
5/23/2015	<0.002				
5/24/2015		<0.002	<0.002		
11/10/2015	<0.002		<0.002	<0.002	
11/11/2015		<0.002			<0.002
4/11/2016	<0.002				
4/12/2016		<0.002	<0.002	<0.002 (D)	<0.002
6/16/2016	0.00014 (J)	<0.002	<0.002		
6/20/2016				0.0002 (J)	<0.002
8/11/2016	<0.002	<0.002	<0.002		
8/12/2016				<0.002	<0.002
10/4/2016		<0.002			
10/5/2016	<0.002		<0.002	<0.002	
10/6/2016					<0.002
11/29/2016	<0.002				
11/30/2016		<0.002	<0.002	<0.002	<0.002
2/7/2017		<0.002			
2/8/2017	<0.002		<0.002	<0.002	<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
10/4/2017		<0.002			
10/5/2017	<0.002		<0.002	<0.002	
10/6/2017					<0.002
3/20/2018	<0.002	<0.002			

Time Series

Constituent: Antimony, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
3/21/2018			<0.002	<0.002	<0.002
10/2/2018	<0.002	<0.002			
10/3/2018			<0.002	<0.002	<0.002
3/26/2019	<0.002	<0.002	<0.002	<0.002	<0.002
9/10/2019		0.00042 (J)		<0.002	<0.002
9/12/2019	<0.002		<0.002		
3/18/2020		<0.002		<0.002	
3/19/2020	<0.002		<0.002		<0.002
9/9/2020	<0.002	<0.002			
9/10/2020			<0.002	<0.002	<0.002
4/1/2021		0.0013 (J)			
4/2/2021					<0.002
4/5/2021	<0.002		<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
2/16/2022	<0.002		<0.002		

Time Series

Constituent: Antimony, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
5/10/2010			<0.002	<0.002	<0.002
5/11/2010	<0.002	<0.002			
6/16/2010					<0.002
6/18/2010	<0.002	<0.002	<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
9/9/2010	<0.002	<0.002	<0.002		
4/29/2011	<0.002				<0.002
4/30/2011		<0.002	<0.002	<0.002	
10/27/2011				<0.002	<0.002
10/28/2011	<0.002				
10/29/2011		<0.002	<0.002		
5/3/2012					<0.002
5/4/2012	<0.002	<0.002	<0.002	<0.002	
11/10/2012	<0.002	<0.002	<0.002		
11/11/2012				<0.002	<0.002
5/9/2013	<0.002	<0.002	<0.002		<0.002
5/10/2013				<0.002	
11/6/2013	<0.002				<0.002
11/7/2013		<0.002	<0.002	<0.002	
5/21/2014		<0.002	<0.002	<0.002	<0.002
5/22/2014	<0.002				
11/9/2014	<0.002	<0.002			
11/12/2014			<0.002		<0.002
11/13/2014				<0.002	
5/23/2015				<0.002	<0.002
5/24/2015	<0.002	<0.002	<0.002		
11/11/2015	<0.002	<0.002	<0.002	<0.002	
11/12/2015					<0.002
4/12/2016		<0.002			
4/13/2016			<0.002 (D)		<0.002 (D)
4/19/2016	<0.002			<0.002	
6/20/2016		<0.002	0.0002 (J)		
6/22/2016	<0.002				<0.002
8/12/2016		<0.002			
8/15/2016			<0.002		<0.002
8/16/2016	<0.002				
10/6/2016	<0.002	<0.002	<0.002		<0.002
10/10/2016				<0.002	
11/30/2016		<0.002			
12/1/2016	<0.002		<0.002	<0.002	<0.002
2/8/2017					<0.002
2/9/2017	<0.002	<0.002	<0.002	<0.002	
4/6/2017	<0.002	<0.002			<0.002
4/7/2017			<0.002	<0.002	
6/21/2017	<0.002	<0.002		<0.002	<0.002
6/22/2017			<0.002		
8/15/2017				<0.002	
9/1/2017				<0.002	
10/5/2017	<0.002				<0.002

Time Series

Constituent: Antimony, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
10/6/2017		<0.002	<0.002		
10/9/2017				<0.002	
3/21/2018		<0.002			<0.002
3/22/2018	<0.002		<0.002	<0.002	
10/2/2018					<0.002
10/3/2018	<0.002	<0.002			
10/4/2018			<0.002	<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
3/19/2020			<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
4/5/2021		<0.002		<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

Time Series

Constituent: Arsenic, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
5/8/2010			<0.001		
5/9/2010	<0.001	<0.001			
5/10/2010					<0.001
5/11/2010				<0.001	
6/16/2010		<0.001	<0.001		<0.001
6/17/2010				<0.001	
6/18/2010	<0.001				
7/26/2010			<0.001		
7/27/2010		<0.001		<0.001	
7/28/2010	<0.001				<0.001
9/7/2010		<0.001	<0.001		
9/8/2010					<0.001
9/9/2010	<0.001			<0.001	
4/28/2011				<0.001	
4/29/2011		<0.001	<0.001		<0.001
4/30/2011	<0.001				
10/27/2011					<0.001
10/28/2011	<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	
5/4/2012					<0.001
11/9/2012	<0.001	<0.001	<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			<0.001	<0.001
11/6/2013		<0.001	<0.001		
5/20/2014	<0.001	<0.001	<0.001		
5/21/2014					<0.001
5/23/2014				<0.001	
11/8/2014		<0.001	<0.001		
11/12/2014	<0.001				<0.001
11/13/2014				<0.001	
5/22/2015	<0.001	<0.001	<0.001		
5/23/2015				<0.001	<0.001
11/9/2015		<0.001	<0.001		
11/11/2015	<0.001			<0.001	
11/12/2015					<0.001
4/6/2016	<0.001	<0.001	<0.001		
4/12/2016				<0.001	
4/13/2016					<0.001 (D)
6/15/2016	<0.001	<0.001	<0.001		
6/16/2016				6E-05 (J)	
6/21/2016					<0.001
8/10/2016	<0.001	<0.001	<0.001		
8/11/2016				<0.001	
8/15/2016					<0.001
10/4/2016	<0.001	<0.001		0.00079	
10/5/2016			<0.001		<0.001
11/29/2016		<0.001	<0.001		
11/30/2016	<0.001			<0.001	

Time Series

Constituent: Arsenic, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
12/1/2016					<0.001
2/7/2017	<0.001	<0.001	<0.001	<0.001	
2/8/2017					<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	
6/21/2017					<0.001
10/4/2017	<0.001			<0.001	
10/5/2017		<0.001	<0.001		<0.001
3/20/2018	<0.001 (D)	<0.001	<0.001	<0.001	
3/21/2018					<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	
3/27/2019					<0.001
9/10/2019	0.00032 (J)	0.00049 (J)	0.00069 (J)	0.00033 (J)	
9/11/2019					0.00055 (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		
8/17/2021					<0.001
8/18/2021				<0.001	
2/15/2022	<0.001	<0.001	<0.001	<0.001	<0.001

Time Series

Constituent: Arsenic, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
5/9/2010		<0.001	<0.001	<0.001	
5/10/2010	<0.001				<0.001
6/16/2010	<0.001				<0.001
6/18/2010		<0.001	<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
9/8/2010	<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	
10/27/2011	<0.001				
10/28/2011		<0.001	<0.001	<0.001	<0.001
5/2/2012					<0.001
5/3/2012		<0.001		<0.001	
5/4/2012	<0.001		<0.001		
11/9/2012					<0.001
11/10/2012	<0.001	<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	<0.001	<0.001	
5/23/2014					<0.001
11/8/2014					<0.001
11/12/2014	<0.001	<0.001	<0.001	<0.001	
5/22/2015					<0.001
5/23/2015		<0.001			
5/24/2015	<0.001		<0.001	<0.001	
11/10/2015					<0.001
11/11/2015				<0.001	
11/12/2015	<0.001	<0.001	<0.001		
4/11/2016					<0.001
4/13/2016	<0.001 (D)	<0.001 (D)	<0.001 (D)	<0.001 (D)	
6/16/2016					<0.001
6/21/2016	<0.001	<0.001	<0.001	<0.001	
8/11/2016					<0.001
8/15/2016	<0.001	<0.001	<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
12/1/2016	<0.001	<0.001	<0.001	<0.001	
2/7/2017				<0.001	
2/8/2017	<0.001	<0.001			<0.001
2/9/2017			<0.001		
4/5/2017		<0.001			

Time Series

Constituent: Arsenic, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
4/6/2017	<0.001		<0.001	<0.001	<0.001
6/20/2017	<0.001	<0.001		<0.001	
6/21/2017					<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
3/21/2018	<0.001	<0.001 (D)			
3/22/2018			<0.001		
10/2/2018	<0.001	<0.001		<0.001	<0.001
10/3/2018			<0.001		
3/26/2019		<0.001	<0.001	<0.001	<0.001
3/27/2019	<0.001				
9/11/2019	0.00045 (J)	0.00038 (J)	0.00042 (J)	0.00045 (J)	0.00043 (J)
3/18/2020	<0.001	<0.001	<0.001	<0.001	<0.001
9/9/2020				<0.001	<0.001
9/10/2020	<0.001	<0.001	<0.001		
4/1/2021	<0.001	<0.001		<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

Time Series

Constituent: Arsenic, Total (mg/L) Analysis Run 7/6/2022 8:04 AM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
5/11/2010	<0.001	<0.001	<0.001	<0.001	<0.001
6/16/2010	<0.001				
6/17/2010			<0.001	<0.001	<0.001
6/19/2010		<0.001			
7/27/2010	<0.001	<0.001	<0.001		
7/28/2010				<0.001	<0.001
9/7/2010	<0.001		<0.001	<0.001	
9/8/2010					<0.001
9/9/2010		<0.001			
4/28/2011		<0.001			<0.001
4/29/2011	<0.001		<0.001	<0.001	
10/28/2011	<0.001	<0.001	<0.001	<0.001	
10/29/2011					<0.001
5/2/2012	<0.001				
5/3/2012		<0.001	<0.001	<0.001	<0.001
11/9/2012	<0.001	<0.001		<0.001	
11/10/2012			<0.001		<0.001
5/9/2013	<0.001	<0.001	<0.001		
5/10/2013				<0.001	<0.001
11/5/2013		<0.001			
11/6/2013	<0.001		<0.001	<0.001	<0.001
5/22/2014	<0.001	<0.001	<0.001	<0.001	<0.001
11/8/2014	<0.001				
11/9/2014			<0.001	<0.001	<0.001
11/13/2014		<0.001			
5/22/2015				<0.001	<0.001
5/23/2015	<0.001				
5/24/2015		<0.001	<0.001		
11/10/2015	<0.001		<0.001	<0.001	
11/11/2015		<0.001			<0.001
4/11/2016	<0.001				
4/12/2016		<0.001	<0.001	<0.001 (D)	<0.001
6/16/2016	5.1E-05 (J)	5.5E-05 (J)	5.4E-05 (J)		
6/20/2016				<0.001	<0.001
8/11/2016	<0.001	<0.001	<0.001		
8/12/2016				0.00053 (J)	<0.001
10/4/2016		<0.001			
10/5/2016	<0.001		<0.001	<0.001	
10/6/2016					<0.001
11/29/2016	<0.001				
11/30/2016		<0.001	<0.001	<0.001	<0.001
2/7/2017		<0.001			
2/8/2017	<0.001		<0.001	<0.001	<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
10/4/2017		<0.001			
10/5/2017	<0.001		<0.001	<0.001	
10/6/2017					<0.001
3/20/2018	<0.001	<0.001			

Time Series

Constituent: Arsenic, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
3/21/2018			0.00078	0.00089	<0.001
10/2/2018	<0.001	<0.001			
10/3/2018			<0.001	<0.001	<0.001
3/26/2019	<0.001	<0.001	<0.001	<0.001	<0.001
9/10/2019		0.00038 (J)		0.00032 (J)	0.00032 (J)
9/12/2019	<0.001		<0.001		
3/18/2020		<0.001		<0.001	
3/19/2020	<0.001		<0.001		<0.001
9/9/2020	<0.001	<0.001			
9/10/2020			<0.001	<0.001	<0.001
4/1/2021		<0.001			
4/2/2021					<0.001
4/5/2021	<0.001		<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
2/16/2022	<0.001		<0.001		

Time Series

Constituent: Arsenic, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
5/10/2010			<0.001	<0.001	<0.001
5/11/2010	<0.001	<0.001			
6/16/2010					<0.001
6/18/2010	<0.001	<0.001	<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
9/9/2010	<0.001	<0.001	<0.001		
4/29/2011	<0.001				<0.001
4/30/2011		<0.001	<0.001	<0.001	
10/27/2011				<0.001	<0.001
10/28/2011	<0.001				
10/29/2011		<0.001	<0.001		
5/3/2012					<0.001
5/4/2012	<0.001	<0.001	<0.001	<0.001	
11/10/2012	<0.001	<0.001	<0.001		
11/11/2012				<0.001	<0.001
5/9/2013	<0.001	<0.001	<0.001		<0.001
5/10/2013				<0.001	
11/6/2013	<0.001				<0.001
11/7/2013		<0.001	<0.001	<0.001	
5/21/2014		<0.001	<0.001	<0.001	<0.001
5/22/2014	<0.001				
11/9/2014	<0.001	<0.001			
11/12/2014			<0.001		<0.001
11/13/2014				<0.001	
5/23/2015				<0.001	<0.001
5/24/2015	<0.001	<0.001	<0.001		
11/11/2015	<0.001	<0.001	<0.001	<0.001	
11/12/2015					<0.001
4/12/2016		<0.001			
4/13/2016			<0.001 (D)		<0.001 (D)
4/19/2016	<0.001			<0.001	
6/20/2016		6.3E-05 (J)	<0.001		
6/22/2016	0.0008				<0.001
8/12/2016		<0.001			
8/15/2016			<0.001		<0.001
8/16/2016	<0.001				
10/6/2016	<0.001	<0.001	<0.001		<0.001
10/10/2016				<0.001	
11/30/2016		<0.001			
12/1/2016	<0.001		<0.001	<0.001	<0.001
2/8/2017					<0.001
2/9/2017	<0.001	<0.001	<0.001	0.00115 (D)	
4/6/2017	<0.001	<0.001			<0.001
4/7/2017			<0.001	<0.001	
6/21/2017	<0.001	<0.001		0.0014	<0.001
6/22/2017			<0.001		
8/15/2017				0.00086	
9/1/2017				0.00075	
10/5/2017	<0.001				<0.001

Time Series

Constituent: Arsenic, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
10/6/2017		<0.001	<0.001		
10/9/2017				0.0013	
3/21/2018		<0.001			<0.001
3/22/2018	0.00046 (J)		<0.001	0.00075	
10/2/2018					<0.001
10/3/2018	<0.001	<0.001			
10/4/2018			<0.001	<0.001	
3/26/2019		<0.001			
3/27/2019	<0.001		<0.001	0.0012	0.00062
9/11/2019	0.00038 (J)	0.00041 (J)	0.00038 (J)	0.001 (J)	0.00055 (J)
3/18/2020	<0.001	<0.001		0.00042 (J)	<0.001
3/19/2020			<0.001		
9/9/2020	<0.001			0.00092 (J)	<0.001
9/10/2020		<0.001	<0.001		
4/1/2021	<0.001		<0.001		<0.001
4/5/2021		<0.001		0.00097 (J)	
8/11/2021		<0.001	<0.001		
8/12/2021	<0.001			0.00081 (J)	<0.001
2/15/2022	<0.001	<0.001	<0.001	0.00047 (J)	<0.001

Time Series

Constituent: Barium, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
5/8/2010			0.048 (J)		
5/9/2010	0.01 (J)	0.031 (J)			
5/10/2010					0.024 (J)
5/11/2010				0.054 (J)	
6/16/2010		0.029 (J)	0.044 (J)		0.022 (J)
6/17/2010				0.054 (J)	
6/18/2010	0.01 (J)				
7/26/2010			0.042 (J)		
7/27/2010		0.029 (J)		0.054 (J)	
7/28/2010	0.011 (J)				0.023 (J)
9/7/2010		0.028 (J)	0.04 (J)		
9/8/2010					0.023 (J)
9/9/2010	0.011 (J)			0.046 (J)	
4/28/2011				0.057 (J)	
4/29/2011		0.026 (J)	0.038 (J)		0.022 (J)
4/30/2011	0.0091 (J)				
10/27/2011					0.022
10/28/2011	0.0096 (J)	0.025	0.034		
10/29/2011				0.046	
5/2/2012	0.012	0.025	0.03		
5/3/2012				0.049	
5/4/2012					0.019
11/9/2012	0.012 (V)	0.028 (V)	0.039 (V)	0.045 (V)	
11/11/2012					0.025 (V)
5/8/2013	0.01	0.029	0.034		
5/9/2013				0.053	0.024
11/5/2013	0.0098 (J)			0.045	0.025
11/6/2013		0.026	0.032		
5/20/2014	0.0081 (J)	0.025	0.03		
5/21/2014					0.024
5/23/2014				0.043	
11/8/2014		0.026	0.031		
11/12/2014	0.0098 (J)				0.026
11/13/2014				0.046	
5/22/2015	0.0088 (J)	0.026	0.033		
5/23/2015				0.046	0.026
11/9/2015		0.024	0.034		
11/11/2015	0.011			0.047	
11/12/2015					0.026
4/6/2016	0.00959 (J)	0.026	0.0347		
4/12/2016				0.0474	
4/13/2016					0.0258 (D)
6/15/2016	0.0091 (J)	0.023	0.029		
6/16/2016				0.044	
6/21/2016					0.0286
8/10/2016	0.009	0.022	0.027		
8/11/2016				0.04	
8/15/2016					0.024
10/4/2016	<0.021	0.024		0.048	
10/5/2016			<0.021		<0.021
11/29/2016		0.023	0.024		
11/30/2016	0.011			0.043	

Time Series

Constituent: Barium, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
12/1/2016					0.028
2/7/2017	0.0099	0.024	0.029	0.042	
2/8/2017					0.027
4/4/2017	0.0092	0.022	0.03		
4/5/2017				0.041	
4/6/2017					0.027
6/20/2017	0.0099	0.025	0.036	0.046	
6/21/2017					0.031
10/4/2017	0.0098			0.044	
10/5/2017		0.023	0.027		0.029
3/20/2018	0.01	0.023	0.027	0.042	
3/21/2018					<0.021 (X)
10/2/2018	0.0099	0.023	0.027	0.043	0.029
3/26/2019	0.0099	0.024	0.031	0.044	
3/27/2019					0.027
9/10/2019	0.011	0.039	0.051	0.046	
9/11/2019					0.033
3/18/2020	0.01	0.027	0.031	0.049	0.036
9/9/2020	0.01	0.024	0.033	0.046	0.036
4/1/2021	0.0092 (J)	0.024	0.029	0.047	0.034
8/11/2021	0.01	0.023	0.029		
8/18/2021				0.049	
10/18/2021					0.031
2/15/2022	0.012	0.024	0.031	0.052	0.036

Time Series

Constituent: Barium, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
5/9/2010		0.017 (J)	0.029 (J)	0.01 (J)	
5/10/2010	0.018 (J)				0.039 (J)
6/16/2010	0.018 (J)				0.041 (J)
6/18/2010		0.014 (J)	0.028 (J)	0.0097 (J)	
7/26/2010					0.04 (J)
7/27/2010	0.018 (J)	0.015 (J)			
7/28/2010				0.0096 (J)	
7/29/2010			0.029 (J)		
9/7/2010					0.038 (J)
9/8/2010	0.017 (J)	0.013 (J)			
9/9/2010			0.028 (J)	0.01 (J)	
4/26/2011			0.038 (J)		
4/29/2011	0.016 (J)	0.016 (J)			0.034 (J)
4/30/2011				0.0096 (J)	
10/27/2011	0.015				
10/28/2011		0.013	0.026	0.0064 (O)	0.035
5/2/2012					0.038
5/3/2012		0.012		0.0054 (O)	
5/4/2012	0.014		0.024		
11/9/2012					0.035 (V)
11/10/2012	0.016 (V)	0.015 (V)		0.0094 (J)	
11/11/2012			0.027 (V)		
5/8/2013			0.045	0.0093 (J)	0.037
5/9/2013	0.016	0.015			
11/5/2013				0.009 (J)	
11/6/2013	0.016	0.015			0.036 (V)
11/7/2013			0.026		
5/20/2014	0.016	0.015	0.024	0.009 (J)	
5/23/2014					0.036
11/8/2014					0.038
11/12/2014	0.017	0.018	0.029	0.0098 (J)	
5/22/2015					0.035
5/23/2015		0.016			
5/24/2015	0.017		0.027	0.0096 (J)	
11/10/2015					0.032
11/11/2015				0.0092 (J)	
11/12/2015	0.016	0.015	0.029		
4/11/2016					0.0352
4/13/2016	0.0159 (D)	0.0166 (D)	0.029 (D)	0.00929 (JD)	
6/16/2016					0.033
6/21/2016	0.018	0.0173	0.0306	0.0106	
8/11/2016					0.035
8/15/2016	0.015	0.015	0.026	0.0077	
10/4/2016				<0.021	
10/5/2016	<0.021	<0.021			<0.021
10/7/2016			0.031		
11/29/2016					0.034
12/1/2016	0.016	0.016	0.031	0.0089	
2/7/2017				0.0089	
2/8/2017	0.015	0.016			0.032
2/9/2017			0.032		
4/5/2017		0.016			

Time Series

Constituent: Barium, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
4/6/2017	0.016		0.029	0.0085	0.031
6/20/2017	0.016	0.017		0.0097	
6/21/2017					0.035
6/22/2017			0.034		
10/5/2017	0.016	0.017		0.0096	0.034
10/6/2017			0.031		
3/20/2018				0.0091	0.033
3/21/2018	<0.021 (X)	<0.021 (X)			
3/22/2018			0.034		
10/2/2018	0.016	0.016		0.0096	0.032
10/3/2018			0.03		
3/26/2019		0.017	0.035	0.0092	0.033
3/27/2019	0.015				
9/11/2019	0.017	0.017	0.035	0.011	0.035
3/18/2020	0.019	0.018	0.058	0.0099 (J)	0.036
9/9/2020				0.01	0.036
9/10/2020	0.02	0.019	0.037		
4/1/2021	0.018	0.018		0.0095 (J)	0.035
4/6/2021			0.038		
8/11/2021	0.017	0.018	0.037	0.012	0.037
2/16/2022	0.018	0.018	0.035	0.011	0.034

Time Series

Constituent: Barium, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
5/11/2010	0.018 (J)	0.048 (J)	0.032 (J)	0.039	0.031 (J)
6/16/2010	0.017 (J)				
6/17/2010			0.031 (J)	0.017	0.033 (J)
6/19/2010		0.033 (J)			
7/27/2010	0.016 (J)	0.047 (J)	0.035 (J)		
7/28/2010				0.071 (O)	0.033 (J)
9/7/2010	0.017 (J)		0.032 (J)	0.026	
9/8/2010					0.033 (J)
9/9/2010		0.045 (J)			
4/28/2011		0.048 (J)			0.039 (J)
4/29/2011	0.018 (J)		0.031 (J)	0.016	
10/28/2011	0.016	0.044	0.03	0.014	
10/29/2011					0.029
5/2/2012	0.018				
5/3/2012		0.047	0.032	0.017	0.036
11/9/2012	0.017 (V)	0.055 (V)		0.022 (V)	
11/10/2012			0.028 (V)		0.032 (V)
5/9/2013	0.017	0.049	0.029		
5/10/2013				0.025	0.035
11/5/2013		0.045			
11/6/2013	0.018 (V)		0.03 (V)	0.015	0.037
5/22/2014	0.016	0.04	0.029	0.016	0.031
11/8/2014	0.018				
11/9/2014			0.032	0.017	0.034
11/13/2014		0.045			
5/22/2015				0.017	0.039
5/23/2015	0.018				
5/24/2015		0.045	0.029		
11/10/2015	0.017		0.026	0.018	
11/11/2015		0.045			0.042
4/11/2016	0.0191				
4/12/2016		0.0519	0.033	0.0169 (D)	0.0386
6/16/2016	0.017	0.045	0.028		
6/20/2016				0.014	0.031
8/11/2016	0.015	0.04	0.026		
8/12/2016				0.018	0.033
10/4/2016		0.044			
10/5/2016	<0.021		0.03	0.015	
10/6/2016					0.042
11/29/2016	0.017				
11/30/2016		0.044	0.03	0.018	0.04
2/7/2017		0.044			
2/8/2017	0.017		0.033	0.018	0.042
4/5/2017	0.017				
4/6/2017		0.041	0.033	0.017	0.041
6/20/2017		0.045			
6/21/2017	0.019		0.03	0.02	
6/22/2017					0.047
10/4/2017		0.047			
10/5/2017	0.018		0.028	0.017	
10/6/2017					0.045
3/20/2018	0.019	0.045			

Time Series

Constituent: Barium, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
3/21/2018			<0.021 (X)	<0.021 (X)	0.045
10/2/2018	0.018	0.044			
10/3/2018			0.028	0.016	0.042
3/26/2019	0.018	0.045	0.03	0.015	0.053
9/10/2019		0.047		0.014	0.037
9/12/2019	0.026		0.035		
3/18/2020		0.048		0.013	
3/19/2020	0.025		0.032		0.045
9/9/2020	0.026	0.047			
9/10/2020			0.031	0.015	0.045
4/1/2021		0.044			
4/2/2021					0.047
4/5/2021	0.028		0.029		
4/6/2021				0.014	
8/11/2021	0.031		0.031		
8/12/2021		0.048		0.019	0.049
2/15/2022		0.048		0.013	0.055
2/16/2022	0.027		0.03		
5/12/2022					0.06 (R)

Time Series

Constituent: Barium, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
5/10/2010			0.029 (J)	0.05 (J)	0.026 (J)
5/11/2010	0.034 (J)	0.053 (J)			
6/16/2010					0.026 (J)
6/18/2010	0.028 (J)	0.055 (J)	0.044 (J)		
6/19/2010				0.045 (J)	
7/27/2010	0.026 (J)	0.053 (J)			0.029 (J)
7/28/2010			0.028 (J)	0.046 (J)	
9/8/2010				0.071 (J)	0.027 (J)
9/9/2010	0.022 (J)	0.05 (J)	0.029 (J)		
4/29/2011	0.016 (J)				0.02 (J)
4/30/2011		0.05 (J)	0.025 (J)	0.098 (J)	
10/27/2011				0.048	0.02
10/28/2011	0.014				
10/29/2011		0.045	0.026		
5/3/2012					0.021
5/4/2012	0.017	0.051	0.032	0.055	
11/10/2012	0.014 (V)	0.048 (V)	0.028 (V)		
11/11/2012				0.05 (V)	0.028 (V)
5/9/2013	0.016	0.048	0.03		0.026
5/10/2013				0.12	
11/6/2013	0.016				0.026
11/7/2013		0.049	0.031	0.044	
5/21/2014		0.048	0.029	0.037	0.023
5/22/2014	0.016				
11/9/2014	0.018	0.053			
11/12/2014			0.031		0.038
11/13/2014				0.085	
5/23/2015				0.054	0.021
5/24/2015	0.11	0.061	0.039		
11/11/2015	0.12	0.063	0.032	0.059	
11/12/2015					0.02
4/12/2016		0.0626			
4/13/2016			0.0328 (D)		0.0164 (D)
4/19/2016	0.099			0.0415	
6/20/2016		0.057	0.03		
6/22/2016	0.074				0.0238
8/12/2016		0.053			
8/15/2016			0.033		0.02
8/16/2016	0.045				
10/6/2016	0.046	0.053	0.032		0.021
10/10/2016				0.034	
11/30/2016		0.06			
12/1/2016	0.046		0.034	0.037	0.025
2/8/2017					0.017
2/9/2017	0.055	0.054	0.032	0.043	
4/6/2017	0.057	0.055			0.019
4/7/2017			0.031	0.019	
6/21/2017	0.062	0.063		0.017	0.026
6/22/2017			0.035		
8/15/2017				0.021	
9/1/2017				0.02	
10/5/2017	0.052				0.022

Time Series

Constituent: Barium, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
10/6/2017		0.054	0.034		
10/9/2017				0.019	
3/21/2018		0.056			<0.021 (X)
3/22/2018	0.048		0.035	0.019	
10/2/2018					0.023
10/3/2018	0.036	0.051			
10/4/2018			0.031	0.012	
3/26/2019		0.052			
3/27/2019	0.038		0.033	0.025	0.018
9/11/2019	0.039	0.059	0.035	0.022	0.028
3/18/2020	0.04	0.05		0.043	0.013
3/19/2020			0.036		
9/9/2020	0.033			0.053	0.025
9/10/2020		0.056	0.039		
4/1/2021	0.04		0.036		0.018
4/5/2021		0.054		0.045	
8/11/2021		0.054	0.036		
8/12/2021	0.036			0.026	0.023
2/15/2022	0.038	0.057	0.035	0.048	0.023

Time Series

Constituent: Beryllium, Total (mg/L) Analysis Run 7/6/2022 8:04 AM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
5/8/2010			<0.0025		
5/9/2010	<0.0025	<0.0025			
5/10/2010					<0.0025
5/11/2010				<0.0025	
6/16/2010		<0.0025	<0.0025		<0.0025
6/17/2010				<0.0025	
6/18/2010	<0.0025				
7/26/2010			<0.0025		
7/27/2010		<0.0025		<0.0025	
7/28/2010	<0.0025				<0.0025
9/7/2010		<0.0025	<0.0025		
9/8/2010					<0.0025
9/9/2010	<0.0025			<0.0025	
4/28/2011				<0.0025	
4/29/2011		<0.0025	<0.0025		<0.0025
4/30/2011	<0.0025				
10/27/2011					<0.0025
10/28/2011	<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	
5/4/2012					<0.0025
11/9/2012	<0.0025	<0.0025	0.0021	<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			<0.0025	<0.0025
11/6/2013		<0.0025	<0.0025		
5/20/2014	<0.0025	<0.0025	<0.0025		
5/21/2014					<0.0025
5/23/2014				<0.0025	
11/8/2014		<0.0025	<0.0025		
11/12/2014	<0.0025				<0.0025
11/13/2014				<0.0025	
5/22/2015	<0.0025	<0.0025	<0.0025		
5/23/2015				<0.0025	<0.0025
11/9/2015		<0.0025	<0.0025		
11/11/2015	<0.0025			<0.0025	
11/12/2015					<0.0025
4/6/2016	<0.0025	<0.0025	<0.0025		
4/12/2016				<0.0025	
4/13/2016					<0.0025 (D)
6/15/2016	<0.0025	<0.0025	<0.0025		
6/16/2016				<0.0025	
6/21/2016					<0.0025
8/10/2016	<0.0025	<0.0025	<0.0025		
8/11/2016				<0.0025	
8/15/2016					<0.0025
10/4/2016	<0.0025	<0.0025		<0.0025	
10/5/2016			<0.0025		<0.0025
11/29/2016		<0.0025	<0.0025		
11/30/2016	<0.0025			<0.0025	

Time Series

Constituent: Beryllium, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
12/1/2016					<0.0025
2/7/2017	<0.0025	<0.0025	<0.0025	<0.0025	
2/8/2017					<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	
6/21/2017					<0.0025
10/4/2017	<0.0025			<0.0025	
10/5/2017		<0.0025	<0.0025		<0.0025
3/20/2018	<0.0025 (D)	<0.0025	<0.0025	<0.0025	
3/21/2018					<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	
3/27/2019					<0.0025
9/10/2019	<0.0025	<0.0025	<0.0025	<0.0025	
9/11/2019					<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		
8/17/2021					<0.0025
8/18/2021				<0.0025	
2/15/2022	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025

Time Series

Constituent: Beryllium, Total (mg/L) Analysis Run 7/6/2022 8:04 AM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
5/9/2010		<0.0025	<0.0025	<0.0025	
5/10/2010	<0.0025				<0.0025
6/16/2010	<0.0025				<0.0025
6/18/2010		<0.0025	<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
9/8/2010	<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	
10/27/2011	<0.0025				
10/28/2011		<0.0025	<0.0025	<0.0025	<0.0025
5/2/2012					<0.0025
5/3/2012		<0.0025		<0.0025	
5/4/2012	<0.0025		<0.0025		
11/9/2012					<0.0025
11/10/2012	<0.0025	<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	<0.0025	<0.0025	
5/23/2014					<0.0025
11/8/2014					<0.0025
11/12/2014	<0.0025	<0.0025	<0.0025	<0.0025	
5/22/2015					<0.0025
5/23/2015		<0.0025			
5/24/2015	<0.0025		<0.0025	<0.0025	
11/10/2015					<0.0025
11/11/2015				<0.0025	
11/12/2015	<0.0025	<0.0025	<0.0025		
4/11/2016					<0.0025
4/13/2016	<0.0025 (D)	<0.0025 (D)	<0.0025 (D)	<0.0025 (D)	
6/16/2016					<0.0025
6/21/2016	<0.0025	<0.0025	<0.0025	<0.0025	
8/11/2016					<0.0025
8/15/2016	<0.0025	<0.0025	<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
12/1/2016	<0.0025	<0.0025	<0.0025	<0.0025	
2/7/2017				<0.0025	
2/8/2017	<0.0025	<0.0025			<0.0025
2/9/2017			<0.0025		
4/5/2017		<0.0025			

Time Series

Constituent: Beryllium, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
4/6/2017	<0.0025		<0.0025	<0.0025	<0.0025
6/20/2017	<0.0025	<0.0025		<0.0025	
6/21/2017					<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
3/21/2018	<0.0025	<0.0025 (D)			
3/22/2018			<0.0025		
10/2/2018	<0.0025	<0.0025		<0.0025	<0.0025
10/3/2018			<0.0025		
3/26/2019		<0.0025	<0.0025	<0.0025	<0.0025
3/27/2019	<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
9/10/2020	<0.0025	<0.0025	<0.0025		
4/1/2021	<0.0025	<0.0025		<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

Time Series

Constituent: Beryllium, Total (mg/L) Analysis Run 7/6/2022 8:04 AM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
5/11/2010	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
6/16/2010	<0.0025				
6/17/2010			<0.0025	<0.0025	<0.0025
6/19/2010		<0.0025			
7/27/2010	<0.0025	<0.0025	<0.0025		
7/28/2010				<0.0025	<0.0025
9/7/2010	<0.0025		<0.0025	<0.0025	
9/8/2010					<0.0025
9/9/2010		<0.0025			
4/28/2011		<0.0025			<0.0025
4/29/2011	<0.0025		<0.0025	<0.0025	
10/28/2011	<0.0025	<0.0025	<0.0025	<0.0025	
10/29/2011					<0.0025
5/2/2012	<0.0025				
5/3/2012		<0.0025	<0.0025	<0.0025	<0.0025
11/9/2012	<0.0025	<0.0025		<0.0025	
11/10/2012			<0.0025		<0.0025
5/9/2013	<0.0025	<0.0025	<0.0025		
5/10/2013				<0.0025	<0.0025
11/5/2013		<0.0025			
11/6/2013	<0.0025		<0.0025	<0.0025	<0.0025
5/22/2014	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
11/8/2014	<0.0025				
11/9/2014			<0.0025	<0.0025	<0.0025
11/13/2014		<0.0025			
5/22/2015				<0.0025	<0.0025
5/23/2015	<0.0025				
5/24/2015		<0.0025	<0.0025		
11/10/2015	<0.0025		<0.0025	<0.0025	
11/11/2015		<0.0025			<0.0025
4/11/2016	<0.0025				
4/12/2016		<0.0025	<0.0025	<0.0025 (D)	<0.0025
6/16/2016	<0.0025	<0.0025	<0.0025		
6/20/2016				<0.0025	<0.0025
8/11/2016	<0.0025	<0.0025	<0.0025		
8/12/2016				<0.0025	<0.0025
10/4/2016		<0.0025			
10/5/2016	<0.0025		<0.0025	<0.0025	
10/6/2016					<0.0025
11/29/2016	<0.0025				
11/30/2016		<0.0025	<0.0025	<0.0025	<0.0025
2/7/2017		<0.0025			
2/8/2017	<0.0025		<0.0025	<0.0025	<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
10/4/2017		<0.0025			
10/5/2017	<0.0025		<0.0025	<0.0025	
10/6/2017					<0.0025
3/20/2018	<0.0025	<0.0025			

Time Series

Constituent: Beryllium, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
3/21/2018			<0.0025	<0.0025	<0.0025
10/2/2018	<0.0025	<0.0025			
10/3/2018			<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
9/12/2019	<0.0025		<0.0025		
3/18/2020		<0.0025		<0.0025	
3/19/2020	<0.0025		<0.0025		<0.0025
9/9/2020	<0.0025	<0.0025			
9/10/2020			<0.0025	<0.0025	<0.0025
4/1/2021		<0.0025			
4/2/2021					<0.0025
4/5/2021	<0.0025		<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
2/16/2022	<0.0025		<0.0025		

Time Series

Constituent: Beryllium, Total (mg/L) Analysis Run 7/6/2022 8:04 AM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
5/10/2010			<0.0025	<0.0025	<0.0025
5/11/2010	<0.0025	<0.0025			
6/16/2010					<0.0025
6/18/2010	<0.0025	<0.0025	<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
9/9/2010	<0.0025	<0.0025	<0.0025		
4/29/2011	<0.0025				<0.0025
4/30/2011		<0.0025	<0.0025	<0.0025	
10/27/2011				<0.0025	<0.0025
10/28/2011	<0.0025				
10/29/2011		<0.0025	<0.0025		
5/3/2012					<0.0025
5/4/2012	<0.0025	<0.0025	<0.0025	<0.0025	
11/10/2012	<0.0025	<0.0025	<0.0025		
11/11/2012				<0.0025	<0.0025
5/9/2013	<0.0025	<0.0025	<0.0025		<0.0025
5/10/2013				<0.0025	
11/6/2013	<0.0025				<0.0025
11/7/2013		<0.0025	<0.0025	<0.0025	
5/21/2014		<0.0025	<0.0025	<0.0025	<0.0025
5/22/2014	<0.0025				
11/9/2014	<0.0025	<0.0025			
11/12/2014			<0.0025		<0.0025
11/13/2014				<0.0025	
5/23/2015				<0.0025	<0.0025
5/24/2015	<0.0025	<0.0025	<0.0025		
11/11/2015	<0.0025	<0.0025	<0.0025	<0.0025	
11/12/2015					<0.0025
4/12/2016		<0.0025			
4/13/2016			<0.0025 (D)		<0.0025 (D)
4/19/2016	<0.0025			<0.0025	
6/20/2016		<0.0025	<0.0025		
6/22/2016	<0.0025				<0.0025
8/12/2016		<0.0025			
8/15/2016			<0.0025		<0.0025
8/16/2016	<0.0025				
10/6/2016	<0.0025	<0.0025	<0.0025		<0.0025
10/10/2016				<0.0025	
11/30/2016		<0.0025			
12/1/2016	<0.0025		<0.0025	<0.0025	<0.0025
2/8/2017					<0.0025
2/9/2017	<0.0025	<0.0025	<0.0025	<0.0025	
4/6/2017	<0.0025	<0.0025			<0.0025
4/7/2017			<0.0025	<0.0025	
6/21/2017	<0.0025	<0.0025		<0.0025	<0.0025
6/22/2017			<0.0025		
8/15/2017				<0.0025	
9/1/2017				<0.0025	
10/5/2017	<0.0025				<0.0025

Time Series

Constituent: Beryllium, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
10/6/2017		<0.0025	<0.0025		
10/9/2017				<0.0025	
3/21/2018		<0.0025			<0.0025
3/22/2018	<0.0025		<0.0025	<0.0025	
10/2/2018					<0.0025
10/3/2018	<0.0025	<0.0025			
10/4/2018			<0.0025	<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
3/19/2020			<0.0025		
9/9/2020	<0.0025			<0.0025	<0.0025
9/10/2020		<0.0025	0.00018 (J)		
4/1/2021	<0.0025		<0.0025		<0.0025
4/5/2021		<0.0025		0.00038 (J)	
8/11/2021		<0.0025	<0.0025		
8/12/2021	0.00022 (J)			<0.0025	<0.0025
2/15/2022	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025

Time Series

Constituent: Boron (mg/L) Analysis Run 7/6/2022 8:04 AM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
4/6/2016	<0.08	<0.08	<0.08		
4/12/2016				<0.08	
4/13/2016					<0.08 (D)
6/15/2016	<0.08	<0.08	0.0028 (J)		
6/16/2016				<0.08	
6/21/2016					<0.08
8/10/2016	<0.08	<0.08	<0.08		
8/11/2016				<0.08	
8/15/2016					<0.08
10/4/2016	<0.08	<0.08		<0.08	
10/5/2016			<0.08		<0.08
11/29/2016		<0.08	<0.08		
11/30/2016	<0.08			<0.08	
12/1/2016					<0.08
2/7/2017	<0.08	<0.08	<0.08	<0.08	
2/8/2017					<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	
6/21/2017					<0.08
10/4/2017	<0.08			<0.08	
10/5/2017		<0.08	<0.08		<0.08
3/20/2018	<0.08 (D)	<0.08	<0.08	<0.08	
3/21/2018					<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	
3/27/2019					<0.08
9/10/2019	<0.08	<0.08	<0.08	<0.08	
9/11/2019					<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		
8/17/2021					<0.08
8/18/2021				<0.08	
2/15/2022	<0.08	<0.08	<0.08	<0.08	<0.08

Time Series

Constituent: Boron (mg/L) Analysis Run 7/6/2022 8:04 AM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
4/11/2016					<0.08
4/13/2016	<0.08 (D)	<0.08 (D)	<0.08 (D)	<0.08 (D)	
6/16/2016					<0.08
6/21/2016	<0.08	<0.08	<0.08	<0.08	
8/11/2016					<0.08
8/15/2016	<0.08	<0.08	<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
12/1/2016	<0.08	<0.08	<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	<0.08		<0.08	
6/21/2017					<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
3/21/2018	<0.08	<0.08 (D)			
3/22/2018			<0.08		
10/2/2018	<0.08	<0.08		<0.08	<0.08
10/3/2018			<0.08		
3/26/2019		<0.08	<0.08	<0.08	<0.08
3/27/2019	<0.08				
9/11/2019	<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
9/10/2020	<0.08	<0.08	<0.08		
4/1/2021	<0.08	<0.08		<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

Time Series

Constituent: Boron (mg/L) Analysis Run 7/6/2022 8:04 AM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
4/11/2016	<0.08				
4/12/2016		<0.08	<0.08	<0.08 (D)	<0.08
6/16/2016	<0.08	<0.08	<0.08		
6/20/2016				<0.08	<0.08
8/11/2016	<0.08	<0.08	<0.08		
8/12/2016				<0.08	<0.08
10/4/2016		<0.08			
10/5/2016	<0.08		<0.08	<0.08	
10/6/2016					<0.08
11/29/2016	<0.08				
11/30/2016		<0.08	<0.08	<0.08	<0.08
2/7/2017		<0.08			
2/8/2017	<0.08		<0.08	<0.08	<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
10/4/2017		<0.08			
10/5/2017	<0.08		<0.08	<0.08	
10/6/2017					<0.08
3/20/2018	<0.08	<0.08			
3/21/2018			<0.08	<0.08	<0.08
10/2/2018	<0.08	<0.08			
10/3/2018			<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
9/12/2019	<0.08		<0.08		
3/18/2020		<0.08		<0.08	
3/19/2020	<0.08		<0.08		<0.08
9/9/2020	<0.08	<0.08			
9/10/2020			<0.08	<0.08	<0.08
4/1/2021		<0.08			
4/2/2021					<0.08
4/5/2021	<0.08		<0.08		
4/6/2021				0.078 (J)	
8/11/2021	<0.08		<0.08		
8/12/2021		<0.08		<0.08	<0.08
2/15/2022		<0.08		<0.08	<0.08
2/16/2022	<0.08		<0.08		

Time Series

Constituent: Boron (mg/L) Analysis Run 7/6/2022 8:04 AM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
4/12/2016		<0.08			
4/13/2016			<0.08 (D)		0.0774 (JD)
4/19/2016	<0.08			0.145	
6/20/2016		<0.08	<0.08		
6/22/2016	0.238				0.0663 (J)
8/12/2016		<0.08			
8/15/2016			<0.08		0.093
8/16/2016	0.39				
10/6/2016	0.34	<0.08	<0.08		0.096
10/10/2016				0.12	
11/30/2016		<0.08			
12/1/2016	0.37		<0.08	0.12	0.12
2/8/2017					0.094
2/9/2017	0.38	<0.08	<0.08	0.13	
4/6/2017	0.4	<0.08			0.11
4/7/2017			<0.08	0.21	
6/21/2017	0.39	<0.08		0.23	0.1
6/22/2017			<0.08		
8/15/2017				0.27	
9/1/2017				0.24	
10/5/2017	0.47				0.083
10/6/2017		<0.08	<0.08		
3/21/2018		<0.08			0.089
3/22/2018	0.48		<0.08	0.25	
10/2/2018					0.083
10/3/2018	0.47	<0.08			
10/4/2018			<0.08	0.21	
3/26/2019		<0.08			
3/27/2019	0.33		<0.08	0.16	0.067
9/11/2019	0.31	<0.08	<0.08	0.21	0.083
3/18/2020	0.26	<0.08		0.16	0.058 (J)
3/19/2020			<0.08		
9/9/2020	0.24			0.13	0.088
9/10/2020		<0.08	<0.08		
4/1/2021	0.23		<0.08		0.059 (J)
4/5/2021		0.042 (J)		0.18	
8/11/2021		0.057 (J)	0.056 (J)		
8/12/2021	0.19			0.23	0.1
2/15/2022	0.19	<0.08	<0.08	0.13	0.07 (J)

Time Series

Constituent: Cadmium, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
5/8/2010			<0.0025		
5/9/2010	<0.0025	<0.0025			
5/10/2010					<0.0025
5/11/2010				<0.0025	
6/16/2010		<0.0025	<0.0025		<0.0025
6/17/2010				<0.0025	
6/18/2010	<0.0025				
7/26/2010			<0.0025		
7/27/2010		<0.0025		<0.0025	
7/28/2010	<0.0025				<0.0025
9/7/2010		<0.0025	<0.0025		
9/8/2010					<0.0025
9/9/2010	<0.0025			<0.0025	
4/28/2011				<0.0025	
4/29/2011		<0.0025	<0.0025		<0.0025
4/30/2011	<0.0025				
10/27/2011					<0.0025
10/28/2011	<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	
5/4/2012					<0.0025
11/9/2012	<0.0025	<0.0025	<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			<0.0025	<0.0025
11/6/2013		<0.0025	<0.0025		
5/20/2014	<0.0025	<0.0025	<0.0025		
5/21/2014					<0.0025
5/23/2014				<0.0025	
11/8/2014		<0.0025	<0.0025		
11/12/2014	<0.0025				<0.0025
11/13/2014				<0.0025	
5/22/2015	<0.0025	<0.0025	<0.0025		
5/23/2015				<0.0025	<0.0025
11/9/2015		<0.0025	<0.0025		
11/11/2015	<0.0025			<0.0025	
11/12/2015					<0.0025
4/6/2016	<0.0025	<0.0025	<0.0025		
4/12/2016				<0.0025	
4/13/2016					<0.0025 (D)
6/15/2016	<0.0025	<0.0025	<0.0025		
6/16/2016				<0.0025	
6/21/2016					<0.0025
8/10/2016	<0.0025	<0.0025	<0.0025		
8/11/2016				<0.0025	
8/15/2016					<0.0025
10/4/2016	<0.0025	<0.0025		<0.0025	
10/5/2016			<0.0025		<0.0025
11/29/2016		<0.0025	<0.0025		
11/30/2016	<0.0025			<0.0025	

Time Series

Constituent: Cadmium, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
12/1/2016					<0.0025
2/7/2017	<0.0025	<0.0025	<0.0025	<0.0025	
2/8/2017					<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	
6/21/2017					<0.0025
10/4/2017	<0.0025			<0.0025	
10/5/2017		<0.0025	<0.0025		<0.0025
3/20/2018	<0.0025 (D)	<0.0025	<0.0025	<0.0025	
3/21/2018					<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	
3/27/2019					<0.0025
9/10/2019	<0.0025	<0.0025	0.00013 (J)	<0.0025	
9/11/2019					<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		
8/17/2021					<0.0025
8/18/2021				<0.0025	
2/15/2022	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025

Time Series

Constituent: Cadmium, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
5/9/2010		<0.0025	<0.0025	<0.0025	
5/10/2010	<0.0025				<0.0025
6/16/2010	<0.0025				<0.0025
6/18/2010		<0.0025	<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
9/8/2010	<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	
10/27/2011	<0.0025				
10/28/2011		<0.0025	<0.0025	<0.0025	<0.0025
5/2/2012					<0.0025
5/3/2012		<0.0025		<0.0025	
5/4/2012	<0.0025		<0.0025		
11/9/2012					<0.0025
11/10/2012	<0.0025	<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	<0.0025	<0.0025	
5/23/2014					<0.0025
11/8/2014					<0.0025
11/12/2014	<0.0025	<0.0025	<0.0025	<0.0025	
5/22/2015					<0.0025
5/23/2015		<0.0025			
5/24/2015	<0.0025		<0.0025	<0.0025	
11/10/2015					<0.0025
11/11/2015				<0.0025	
11/12/2015	<0.0025	<0.0025	<0.0025		
4/11/2016					<0.0025
4/13/2016	<0.0025 (D)	<0.0025 (D)	<0.0025 (D)	<0.0025 (D)	
6/16/2016					<0.0025
6/21/2016	<0.0025	<0.0025	<0.0025	<0.0025	
8/11/2016					<0.0025
8/15/2016	<0.0025	<0.0025	<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
12/1/2016	<0.0025	<0.0025	<0.0025	<0.0025	
2/7/2017				<0.0025	
2/8/2017	<0.0025	<0.0025			<0.0025
2/9/2017			<0.0025		
4/5/2017		<0.0025			

Time Series

Constituent: Cadmium, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
4/6/2017	<0.0025		<0.0025	<0.0025	<0.0025
6/20/2017	<0.0025	<0.0025		<0.0025	
6/21/2017					<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
3/21/2018	<0.0025	<0.0025 (D)			
3/22/2018			<0.0025		
10/2/2018	<0.0025	<0.0025		<0.0025	<0.0025
10/3/2018			<0.0025		
3/26/2019		<0.0025	<0.0025	<0.0025	<0.0025
3/27/2019	<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
9/10/2020	0.001 (J)	<0.0025	<0.0025		
4/1/2021	<0.0025	<0.0025		<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

Time Series

Constituent: Cadmium, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
5/11/2010	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
6/16/2010	<0.0025				
6/17/2010			<0.0025	<0.0025	<0.0025
6/19/2010		<0.0025			
7/27/2010	<0.0025	<0.0025	<0.0025		
7/28/2010				<0.0025	<0.0025
9/7/2010	<0.0025		<0.0025	<0.0025	
9/8/2010					<0.0025
9/9/2010		<0.0025			
4/28/2011		<0.0025			<0.0025
4/29/2011	<0.0025		<0.0025	<0.0025	
10/28/2011	<0.0025	<0.0025	<0.0025	<0.0025	
10/29/2011					<0.0025
5/2/2012	<0.0025				
5/3/2012		<0.0025	<0.0025	<0.0025	<0.0025
11/9/2012	<0.0025	<0.0025		<0.0025	
11/10/2012			<0.0025		<0.0025
5/9/2013	<0.0025	<0.0025	<0.0025		
5/10/2013				<0.0025	<0.0025
11/5/2013		<0.0025			
11/6/2013	<0.0025		<0.0025	<0.0025	<0.0025
5/22/2014	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
11/8/2014	<0.0025				
11/9/2014			<0.0025	<0.0025	<0.0025
11/13/2014		<0.0025			
5/22/2015				<0.0025	<0.0025
5/23/2015	<0.0025				
5/24/2015		<0.0025	<0.0025		
11/10/2015	<0.0025		<0.0025	<0.0025	
11/11/2015		<0.0025			<0.0025
4/11/2016	<0.0025				
4/12/2016		<0.0025	<0.0025	<0.0025 (D)	<0.0025
6/16/2016	<0.0025	<0.0025	<0.0025		
6/20/2016				<0.0025	<0.0025
8/11/2016	<0.0025	<0.0025	<0.0025		
8/12/2016				<0.0025	<0.0025
10/4/2016		<0.0025			
10/5/2016	<0.0025		<0.0025	<0.0025	
10/6/2016					<0.0025
11/29/2016	<0.0025				
11/30/2016		<0.0025	<0.0025	<0.0025	<0.0025
2/7/2017		<0.0025			
2/8/2017	<0.0025		<0.0025	<0.0025	<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
10/4/2017		<0.0025			
10/5/2017	<0.0025		<0.0025	<0.0025	
10/6/2017					<0.0025
3/20/2018	<0.0025	<0.0025			

Time Series

Constituent: Cadmium, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
3/21/2018			<0.0025	<0.0025	<0.0025
10/2/2018	<0.0025	<0.0025			
10/3/2018			<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
9/12/2019	<0.0025		<0.0025		
3/18/2020		<0.0025		<0.0025	
3/19/2020	<0.0025		<0.0025		<0.0025
9/9/2020	<0.0025	<0.0025			
9/10/2020			<0.0025	<0.0025	<0.0025
4/1/2021		0.00038 (J)			
4/2/2021					<0.0025
4/5/2021	<0.0025		<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
2/16/2022	<0.0025		<0.0025		

Time Series

Constituent: Cadmium, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
5/10/2010			<0.0025	<0.0025	<0.0025
5/11/2010	<0.0025	<0.0025			
6/16/2010					<0.0025
6/18/2010	<0.0025	<0.0025	<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	<0.0025
9/9/2010	<0.0025	<0.0025	<0.0025		
4/29/2011	<0.0025				<0.0025
4/30/2011		<0.0025	<0.0025	0.0014	
10/27/2011				0.0011	<0.0025
10/28/2011	<0.0025				
10/29/2011		<0.0025	<0.0025		
5/3/2012					<0.0025
5/4/2012	<0.0025	<0.0025	<0.0025	<0.0025	
11/10/2012	<0.0025	<0.0025	<0.0025		
11/11/2012				<0.0025	<0.0025
5/9/2013	<0.0025	<0.0025	<0.0025		<0.0025
5/10/2013				0.0016	
11/6/2013	<0.0025				<0.0025
11/7/2013		<0.0025	<0.0025	0.001	
5/21/2014		<0.0025	<0.0025	<0.0025	<0.0025
5/22/2014	<0.0025				
11/9/2014	<0.0025	<0.0025			
11/12/2014			<0.0025		<0.0025
11/13/2014				<0.0025	
5/23/2015				<0.0025	<0.0025
5/24/2015	<0.0025	<0.0025	<0.0025		
11/11/2015	<0.0025	<0.0025	<0.0025	<0.0025	
11/12/2015					<0.0025
4/12/2016		<0.0025			
4/13/2016			<0.0025 (D)		<0.0025 (D)
4/19/2016	<0.0025			0.000379 (J)	
6/20/2016		<0.0025	<0.0025		
6/22/2016	<0.0025				<0.0025
8/12/2016		<0.0025			
8/15/2016			<0.0025		<0.0025
8/16/2016	<0.0025				
10/6/2016	<0.0025	<0.0025	<0.0025		<0.0025
10/10/2016				<0.0025	
11/30/2016		<0.0025			
12/1/2016	<0.0025		<0.0025	<0.0025	<0.0025
2/8/2017					<0.0025
2/9/2017	<0.0025	<0.0025	<0.0025	0.00037 (J)	
4/6/2017	<0.0025	<0.0025			<0.0025
4/7/2017			<0.0025	<0.0025	
6/21/2017	<0.0025	<0.0025		<0.0025	<0.0025
6/22/2017			<0.0025		
8/15/2017				<0.0025	
9/1/2017				<0.0025	
10/5/2017	<0.0025				<0.0025

Time Series

Constituent: Cadmium, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
10/6/2017		<0.0025	<0.0025		
10/9/2017				<0.0025	
3/21/2018		<0.0025			<0.0025
3/22/2018	<0.0025		<0.0025	<0.0025	
10/2/2018					<0.0025
10/3/2018	<0.0025	<0.0025			
10/4/2018			<0.0025	<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
3/19/2020			<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
4/5/2021		<0.0025		0.0003 (J)	
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

Time Series

Constituent: Calcium (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
4/6/2016	3.62	12.1	6.58		
4/12/2016				17.1	
4/13/2016					15.6 (D)
6/15/2016	4.5	11.8	6.9		
6/16/2016				19.8	
6/21/2016					14.4
8/10/2016	3.8	10	5.5		
8/11/2016				15	
8/15/2016					14
10/4/2016	5.3	14		17	
10/5/2016			6.8		17
11/29/2016		10	4.8		
11/30/2016	4.7			16	
12/1/2016					15
2/7/2017	3.8	12	7.8	17	
2/8/2017					17
4/4/2017	3.8	11	6.4		
4/5/2017				16	
4/6/2017					16
6/20/2017	4.1	11	7	17	
6/21/2017					16 (D)
10/4/2017	4.6			19	
10/5/2017		13	6.6		19
3/20/2018	4.2 (D)	12	6.6	18	
3/21/2018					17
10/2/2018	4.2	11	5.8	16	17
3/26/2019	4	11	6.7	16	
3/27/2019					16
9/10/2019	4.8	12	7.5	17	
9/11/2019					18
3/18/2020	3.8	12	7.3	19	20
9/9/2020	4	11	7.3	17	20
4/1/2021	4	12	7.8	18	19
8/11/2021	4.1	11	7.3		
8/17/2021					18
8/18/2021				18	
2/15/2022	3.6	10	7.1	16	17

Time Series

Constituent: Calcium (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
4/11/2016					10.5
4/13/2016	12.8 (D)	1.18 (D)	5.71 (D)	6.55 (D)	
6/16/2016					11.6
6/21/2016	11.6	1.12	5.54	6.04	
8/11/2016					10
8/15/2016	11	0.95	5.8	5.9	
10/4/2016				6.6	
10/5/2016	14	1			11
10/7/2016			6.1		
11/29/2016					9.6
12/1/2016	12	0.92	5.8	5.4	
2/7/2017				6.1	
2/8/2017	13	1.2			10
2/9/2017			6.3		
4/5/2017		1.1			
4/6/2017	12		5.8	6.1	9.7
6/20/2017	13	0.96		6.6	
6/21/2017					9.7 (D)
6/22/2017			6.4 (D)		
10/5/2017	14	1.1		7.2	11
10/6/2017			7.4		
3/20/2018				6.6	11
3/21/2018	13	1.3 (D)			
3/22/2018			6.8		
10/2/2018	12	0.86		6.5	9.6
10/3/2018			6.4		
3/26/2019		1.1	6.3	6.4	9.6
3/27/2019	12				
9/11/2019	13	0.94	7	7.3	10
3/18/2020	14	1.6	9.3	6.9	11
9/9/2020				6.5	10
9/10/2020	13	1.1	6.7		
4/1/2021	13	1.2		6.2	11
4/6/2021			7.4		
8/11/2021	13	1	6.7	6.9	10
2/16/2022	12	1.1	6.7	6.3	9.7

Time Series

Constituent: Calcium (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
4/11/2016	10.4				
4/12/2016		17	13.5	8.52 (D)	11
6/16/2016	12.2	19.7	15		
6/20/2016				7.7	10.1
8/11/2016	9.5	15	12		
8/12/2016				7.3	9.9
10/4/2016		18			
10/5/2016	11		14	8.4	
10/6/2016					12
11/29/2016	9.8				
11/30/2016		16	12	8	11
2/7/2017		18			
2/8/2017	10		14	9.3	13
4/5/2017	10				
4/6/2017		16	13	8.1	12
6/20/2017		17			
6/21/2017	10 (D)		13 (D)	9.2 (D)	
6/22/2017					13 (D)
10/4/2017		19			
10/5/2017	12		15	10	
10/6/2017					15
3/20/2018	12	18			
3/21/2018			14	9.3	15
10/2/2018	11	16			
10/3/2018			13	7.5	13
3/26/2019	11	17	12	7.3	13
9/10/2019		18		6.6	12
9/12/2019	14		14		
3/18/2020		18		5.9	
3/19/2020	14		14		14
9/9/2020	15	17			
9/10/2020			13	6.3	13
4/1/2021		17			
4/2/2021					15
4/5/2021	15		14		
4/6/2021				7.4	
8/11/2021			14		
8/12/2021		17		6.6	13
10/7/2021	17				
2/15/2022		16		6	15
2/16/2022	15		13		

Time Series

Constituent: Calcium (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
4/12/2016		17.8			
4/13/2016			14 (D)		18 (D)
4/19/2016	198			20	
6/20/2016		19.5	13.8		
6/22/2016	132				16.7
8/12/2016		17			
8/15/2016			13		16
8/16/2016	94				
10/6/2016	100	19	14		17
10/10/2016				19	
11/30/2016		19			
12/1/2016	100		13	18	17
2/8/2017					18
2/9/2017	120	18	14	20	
4/6/2017	140	18			17
4/7/2017			14	27	
6/21/2017	160 (D)	19 (D)		27 (D)	17 (D)
6/22/2017			14 (D)		
8/15/2017				29	
9/1/2017				32	
10/5/2017	130				19
10/6/2017		19	16		
3/21/2018		19			19
3/22/2018	130		15	30	
10/2/2018					16
10/3/2018	88	16			
10/4/2018			13	37	
3/26/2019		16			
3/27/2019	75		14	47	16
9/11/2019	46	19	14	37	17
3/18/2020	61	15		53	16
3/19/2020			15		
9/9/2020	35			64	16
9/10/2020		16	15		
4/1/2021	40		15		16
4/5/2021		16		52	
8/11/2021		16	14		
8/12/2021	46			37	18
2/15/2022	36	15	13	49	16

Time Series

Constituent: Chloride (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
4/6/2016	5.342	1.789	1.69		
4/12/2016				4.32	
4/13/2016					2.04 (D)
6/15/2016	5.2	2.1	1.9		
6/16/2016				3.8	
6/21/2016					2.2
8/10/2016	5.5	1.8	1.7		
8/11/2016				4	
8/15/2016					2.2
10/4/2016	5.4	1.7		3.6	
10/5/2016			1.6		2.1
11/29/2016		1.7	1.7		
11/30/2016	5.4			3.8	
12/1/2016					2.1
2/7/2017	5.1	1.6	1.6	4.3	
2/8/2017					2.3
4/4/2017	5.1	1.6	1.5		
4/5/2017				4.1	
4/6/2017					2.2
6/20/2017	5.2	1.6	1.5	3.9	
6/21/2017					2.3
10/4/2017	5.2			3.6	
10/5/2017		1.5	1.5		2.3
3/20/2018	5.6 (D)	1.5	1.4	3.9	
3/21/2018					2.3
10/2/2018	6.3	1.6	1.5	3.7	2.6
3/26/2019	5.5	1.5	1.3	3.6	
3/27/2019					2.4
9/10/2019	5.2	1.4	1.3	2.9	
9/11/2019					2.9
3/18/2020	5.4	1.7	2	4.2	4.1
9/9/2020	6.1	1.6	1.3	3.9	4.3
4/1/2021	7	1.8	1.5	4.2	4.4
8/11/2021	7.2	1.8	1.4		
8/17/2021					3.1
8/18/2021				4	
2/15/2022	6.5	1.6	1.4	4	4.6

Time Series

Constituent: Chloride (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
4/11/2016					2.53
4/13/2016	1.78 (D)	1.8 (D)	1.82 (D)	2.71 (D)	
6/16/2016					2.5
6/21/2016	2	2	1.9	3	
8/11/2016					2.6
8/15/2016	1.9	1.8	1.6	3.1	
10/4/2016				3	
10/5/2016	1.8	1.7			2.5
10/7/2016			1.5		
11/29/2016					2.4
12/1/2016	1.8	1.7	1.4	3.1	
2/7/2017				2.9	
2/8/2017	1.8	1.7			2.5
2/9/2017			1.5		
4/5/2017		1.7			
4/6/2017	1.7		1.4	2.7	2.4
6/20/2017	1.7	1.6		2.9	
6/21/2017					2.4
6/22/2017			1.5		
10/5/2017	1.7	1.6		2.8	2.3
10/6/2017			1.3		
3/20/2018				2.7	2.3
3/21/2018	1.6	1.6 (D)			
3/22/2018			1.4		
10/2/2018	1.7	1.6		3	2.5
10/3/2018			1.5		
3/26/2019		1.7	1.6	2.5	2.7
3/27/2019	1.5				
9/11/2019	1.8	1.9	1.5	3.1	2.6
3/18/2020	1.9	2.1	1.6	3	2.7
9/9/2020				2.9	2.8
9/10/2020	1.9	1.8	1.7		
4/1/2021	1.9	2		3.8	2.8
4/6/2021			1.8		
8/11/2021	1.8	1.8	1.6	3.7	2.9
2/16/2022	1.7	1.9	1.5	3.2	2.7

Time Series

Constituent: Chloride (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
4/11/2016	1.84				
4/12/2016		2.34	2.03	3.04 (D)	4.57
6/16/2016	1.9	2.4	2.2		
6/20/2016				3.1	3.1
8/11/2016	1.9	2.4	2.1		
8/16/2016				3.2	3.2
10/4/2016		2.2			
10/5/2016	1.7		1.9	3.2	
10/6/2016					3.4
11/29/2016	1.7				
11/30/2016		2.2	2	3.3	4.1
2/7/2017		2.1			
2/8/2017	1.7		2	3.5	7.2
4/5/2017	1.7				
4/6/2017		2.1	<1	3.4	7.4
6/20/2017		2.1			
6/21/2017	1.7		1.9	3.5	
6/22/2017					7.8
10/4/2017		2			
10/5/2017	1.6		1.9	3.5	
10/6/2017					9.1
3/20/2018	1.6	2			
3/21/2018			1.8	3.4	13
10/2/2018	1.7	2			
10/3/2018			2	3.5	13
3/26/2019	1.8	1.9	1.9	3	9.2
9/10/2019		1.7		2.5	5.1
9/12/2019	1.5		1.6		
3/18/2020		2.4		2.8	
3/19/2020	2.2		2.2		8.7
9/9/2020	2.4	2			
9/10/2020			2.1	2.7	9.7
4/1/2021		2.5			
4/2/2021					11
4/6/2021				2.9	
6/1/2021	2.6		2.1		
8/11/2021	2.8		2.1		
8/12/2021		2.5		3.3	12
2/15/2022		2.2		2.7	11
2/16/2022	2.4		2		

Time Series

Constituent: Chloride (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
4/13/2016			1.68 (D)		3.64 (D)
4/19/2016	124 (o)			6.9	
6/20/2016		6.8	2		
6/22/2016	81				3.8
8/15/2016			1.8		3.7
8/16/2016	71	7.6			
10/6/2016	68	7.3	1.7		3.4
10/10/2016				7.2	
11/30/2016		7.1			
12/1/2016	74		1.7	7.1	4
2/8/2017					4
2/9/2017	76	5.8	1.7	7.2	
4/6/2017	92	5.7			4
4/7/2017			1.7	7.5	
6/21/2017	100	6.1		7.6	3.3
6/22/2017			1.6		
8/15/2017				7.8	
9/1/2017				7.6	
10/5/2017	67				3.3
10/6/2017		5.1	1.6		
3/21/2018		5.4			3.6
3/22/2018	74		1.6	7	
10/2/2018					3.1
10/3/2018	46	5.7			
10/4/2018			1.7	6.1	
3/26/2019		4.2			
3/27/2019	42		1.7	6.6	3
9/11/2019	19	7.2	2.1	7	3.4
3/18/2020	30	4		8.5	3.4
3/19/2020			2.1		
9/9/2020	8.7			11	3.2
9/10/2020		6.3	2.5		
4/1/2021	18		2.9		4.3
6/1/2021				9.4	
6/2/2021		6.3			
8/11/2021		6.5	3		
8/12/2021	22			7.8	4.1
2/15/2022	16	6.1	2.7	9.1	3.7

Time Series

Constituent: Chromium, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
5/8/2010			0.0032 (J)		
5/9/2010	<0.002	0.003 (J)			
5/10/2010					0.011
5/11/2010				0.0077	
6/16/2010		0.0042 (J)	0.0037 (J)		0.0095
6/17/2010				0.0053	
6/18/2010	<0.002				
7/26/2010			0.0058		
7/27/2010		0.0048 (J)		0.0085	
7/28/2010	<0.002				0.01
9/7/2010		0.0037 (J)	0.0078		
9/8/2010					0.011
9/9/2010	<0.002			0.0076	
4/28/2011				0.0048 (J)	
4/29/2011		0.0046 (J)	0.005		0.0096
4/30/2011	<0.002				
10/27/2011					0.011
10/28/2011	<0.002	0.005	0.0068		
10/29/2011				0.0093	
5/2/2012	<0.002	0.0052	0.0065		
5/3/2012				0.01	
5/4/2012					0.01
11/9/2012	<0.002	0.0054	0.006	0.009	
11/11/2012					0.01
5/8/2013	<0.002	0.0058	0.0074		
5/9/2013				0.0085	0.011
11/5/2013	0.0036			0.015	0.015
11/6/2013		0.0062 (J)	0.0082 (J)		
5/20/2014	<0.002	0.0047 (J)	0.0051 (J)		
5/21/2014					0.013
5/23/2014				0.012	
11/8/2014		0.0064 (J)	0.0074 (J)		
11/12/2014	<0.002				0.012
11/13/2014				0.011	
5/22/2015	<0.002	0.0059 (J)	0.0084 (J)		
5/23/2015				0.012	0.014
11/9/2015		0.0043 (J)	0.009 (J)		
11/11/2015	<0.002			0.014	
11/12/2015					0.016
4/6/2016	<0.002	0.00457 (J)	0.00779 (J)		
4/12/2016				0.0135	
4/13/2016					0.0152 (D)
6/15/2016	<0.002	<0.002	<0.002		
6/16/2016				0.014	
6/21/2016					0.016
8/10/2016	<0.002	0.0042	0.0068		
8/11/2016				0.013	
8/15/2016					0.015
10/4/2016	<0.002	0.0052		0.014	
10/5/2016			0.0076		0.016
11/29/2016		0.004	0.0045		
11/30/2016	<0.002			0.013	

Time Series

Constituent: Chromium, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
12/1/2016					0.015
2/7/2017	<0.002	0.004	0.0067	0.013	
2/8/2017					0.017
4/4/2017	<0.002	0.0021 (J)	0.0079		
4/5/2017				0.014	
4/6/2017					0.018
6/20/2017	<0.002	0.0046	0.0084	0.013	
6/21/2017					0.017
10/4/2017	<0.002			0.015	
10/5/2017		0.005	0.0061		0.018
3/20/2018	<0.002 (D)	0.0044	0.006	0.013	
3/21/2018					0.017 (J+X)
10/2/2018	<0.002	0.0043	0.0061	0.014	0.018
3/26/2019	<0.002	0.0046	0.0065	0.013	
3/27/2019					0.017
9/10/2019	0.0023 (J)	0.0076	0.012	0.018	
9/11/2019					0.023
3/18/2020	<0.002	0.0044	0.0083	0.014	0.02
9/9/2020	<0.002	0.005	0.0088	0.014	0.018
4/1/2021	<0.002	0.0053	0.0082	0.014	0.02
8/11/2021	<0.002	0.0059	0.0089		
8/18/2021				0.014	
10/18/2021					0.019
2/15/2022	<0.002	0.0056	0.0084	0.011	0.021

Time Series

Constituent: Chromium, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
5/9/2010		<0.002	0.0051	<0.002	
5/10/2010	0.011				0.012
6/16/2010	0.012				0.014
6/18/2010		<0.002	0.0043 (J)	<0.002	
7/26/2010					0.013
7/27/2010	0.012	0.002 (J)			
7/28/2010				<0.002	
7/29/2010			0.0058		
9/7/2010					0.015
9/8/2010	0.011	<0.002			
9/9/2010			0.0052	<0.002	
4/26/2011			0.0025 (J)		
4/29/2011	0.01	<0.002			0.014
4/30/2011				<0.002	
10/27/2011	0.0077				
10/28/2011		<0.002	0.0035 (J)	<0.002	0.014
5/2/2012					0.017
5/3/2012		<0.002		<0.002	
5/4/2012	0.0082		0.0073		
11/9/2012					0.014
11/10/2012	0.007	<0.002		<0.002	
11/11/2012			0.004 (J)		
5/8/2013			0.006	<0.002	0.017
5/9/2013	0.0079	<0.002			
11/5/2013				0.0036	
11/6/2013	0.011	0.0031 (J)			0.017
11/7/2013			0.0068 (J)		
5/20/2014	0.0076 (J)	0.002 (J)	0.0039 (J)	<0.002	
5/23/2014					0.013
11/8/2014					0.018
11/12/2014	0.0071 (J)	<0.002	0.0039 (J)	<0.002	
5/22/2015					0.02
5/23/2015		0.0027 (J)			
5/24/2015	0.0083 (J)		0.004 (J)	<0.002	
11/10/2015					0.013
11/11/2015				<0.002	
11/12/2015	0.0069 (J)	0.0022 (J)	0.0077 (J)		
4/11/2016					0.0139
4/13/2016	0.00804 (JD)	<0.002 (D)	0.0038 (JD)	<0.002 (D)	
6/16/2016					0.014
6/21/2016	0.0086 (J)	0.0012 (J)	0.0035 (J)	0.0006 (J)	
8/11/2016					0.016
8/15/2016	0.0073	0.0021 (J)	0.0034	<0.002	
10/4/2016				<0.002	
10/5/2016	0.0077	0.0013 (J)			0.014
10/7/2016			0.0037		
11/29/2016					0.013
12/1/2016	0.0075	0.0015 (J)	0.0037	<0.002	
2/7/2017				<0.002	
2/8/2017	0.0078	0.0016 (J)			0.013
2/9/2017			0.0038		
4/5/2017		0.0014 (J)			

Time Series

Constituent: Chromium, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
4/6/2017	0.0079		0.0039	<0.002	0.014
6/20/2017	0.0078	0.0015 (J)		<0.002	
6/21/2017					0.013
6/22/2017			0.0042		
10/5/2017	0.0081	0.0015 (J)		<0.002	0.014
10/6/2017			0.0039		
3/20/2018				<0.002	0.014
3/21/2018	<0.002 (X)	<0.002 (XD)			
3/22/2018			0.028 (O)		
10/2/2018	0.0075	0.0012 (J)		<0.002	0.014
10/3/2018			0.0056		
3/26/2019		0.0013 (J)	0.0048	<0.002	0.014
3/27/2019	0.007				
9/11/2019	0.011	0.0036	0.0075	0.0038	0.017
3/18/2020	0.0086	0.0016 (J)	0.008	<0.002	0.014
9/9/2020				<0.002	0.013
9/10/2020	0.009	<0.002	0.0054		
4/1/2021	0.0078	0.0015 (J)		<0.002	0.014
4/6/2021			0.0061		
8/11/2021	0.0078	<0.002	0.0051	<0.002	0.014
2/16/2022	0.0074	<0.002	0.005	<0.002	0.012

Time Series

Constituent: Chromium, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
5/11/2010	0.0039 (J)	0.0051	0.0063	0.01	0.0046 (J)
6/16/2010	0.0049 (J)				
6/17/2010			0.0053	0.0087	0.007
6/19/2010		<0.002			
7/27/2010	0.0047 (J)	0.01	0.0064		
7/28/2010				0.028 (O)	0.0084
9/7/2010	0.0057		0.0078	0.022	
9/8/2010					0.0071
9/9/2010		0.0072			
4/28/2011		0.0077			0.008
4/29/2011	0.0087		0.0065	0.0099	
10/28/2011	0.0075	0.011	0.0092	0.0089	
10/29/2011					0.0054
5/2/2012	0.011				
5/3/2012		0.011	0.011	0.0091	0.0065
11/9/2012	0.0076	0.0089		0.008	
11/10/2012			0.0073		0.0059
5/9/2013	0.0088	0.0089	0.0098		
5/10/2013				0.019	0.0083
11/5/2013		0.011			
11/6/2013	0.011		0.011	0.013	0.0099 (J)
5/22/2014	0.0057 (J)	0.01	0.0097 (J)	0.0093 (J)	0.0049 (J)
11/8/2014	0.013				
11/9/2014			0.012	0.0098 (J)	0.0068 (J)
11/13/2014		0.0084 (J)			
5/22/2015				0.01	0.0087 (J)
5/23/2015	0.014				
5/24/2015		0.0095 (J)	0.016		
11/10/2015	0.0091 (J)		0.0088 (J)	0.011	
11/11/2015		0.011			0.0084 (J)
4/11/2016	0.00767 (J)				
4/12/2016		0.0122	0.00965 (J)	0.00925 (JD)	0.00419 (J)
6/16/2016	<0.002	<0.002	<0.002		
6/20/2016				0.0076 (J)	0.0043 (J)
8/11/2016	0.0085	0.01	0.0083		
8/12/2016				0.0079	0.0037
10/4/2016		0.011			
10/5/2016	0.01		0.0094	0.0085	
10/6/2016					0.0062
11/29/2016	0.0087				
11/30/2016		0.0098	0.0084	0.0086	0.0043
2/7/2017		0.0096			
2/8/2017	0.0093		0.0091	0.011	0.0052
4/5/2017	0.0098				
4/6/2017		0.01	0.011	0.0098	0.005
6/20/2017		0.01			
6/21/2017	0.0094		0.0081	0.011	
6/22/2017					0.0052
10/4/2017		0.011			
10/5/2017	0.0096		0.0083	0.01	
10/6/2017					0.0049
3/20/2018	0.0097	0.0099			

Time Series

Constituent: Chromium, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
3/21/2018			<0.002 (X)	<0.002 (X)	<0.002 (X)
10/2/2018	0.0097	0.01			
10/3/2018			0.0091	0.0081	0.0039
3/26/2019	0.0091	0.0096	0.0092	0.0075	0.0084
9/10/2019		0.014		0.0092	0.0067
9/12/2019	0.012		0.011		
3/18/2020		0.011		0.0049	
3/19/2020	0.012		0.0094		0.0045
9/9/2020	0.011	0.01			
9/10/2020			0.009	0.0061	0.0055
4/1/2021		0.0057			
4/2/2021					0.0052
4/5/2021	0.012		0.008		
4/6/2021				0.0074	
8/11/2021	0.013		0.0087		
8/12/2021		0.012		0.0085	0.0045
2/15/2022		0.011		0.0076	0.0041
2/16/2022	0.011		0.0081		

Time Series

Constituent: Chromium, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
5/10/2010			0.007	<0.002	0.0097
5/11/2010	0.004 (J)	<0.002			
6/16/2010					0.0074
6/18/2010	0.0056	0.0063	0.011		
6/19/2010				<0.002	
7/27/2010	0.0051	0.004 (J)			0.0068
7/28/2010			0.0092	0.0034 (J)	
9/8/2010				0.014	0.007
9/9/2010	0.0037 (J)	0.0053	0.01		
4/29/2011	0.0036 (J)				0.0062
4/30/2011		0.0035 (J)	0.012	0.022	
10/27/2011				0.0064	0.0084
10/28/2011	0.0026 (J)				
10/29/2011		0.0048 (J)	0.012		
5/3/2012					0.0099
5/4/2012	0.0031 (J)	0.0064	0.013	0.0059	
11/10/2012	<0.002	0.0084	0.0097		
11/11/2012				0.011	0.0073
5/9/2013	0.0033 (J)	0.0041 (J)	0.013		0.0085
5/10/2013				0.038 (O)	
11/6/2013	0.0045 (J)				0.013
11/7/2013		0.0077 (J)	0.013	0.012	
5/21/2014		0.0044 (J)	0.0091 (J)	0.0048 (J)	0.0097 (J)
5/22/2014	0.0035 (J)				
11/9/2014	0.0062 (J)	0.0071 (J)			
11/12/2014			0.0097 (J)		0.0072 (J)
11/13/2014				0.023	
5/23/2015				0.015	0.0095 (J)
5/24/2015	0.012	0.01	0.018		
11/11/2015	0.0068 (J)	0.0053 (J)	0.0086 (J)	0.016	
11/12/2015					0.0046 (J)
4/12/2016		0.00493 (J)			
4/13/2016			0.00924 (JD)		0.00627 (JD)
4/19/2016	0.00368 (J)			0.0086 (J)	
6/20/2016		0.0043 (J)	0.0084 (J)		
6/22/2016	0.0031 (J)				0.0079 (J)
8/12/2016		0.0037			
8/15/2016			0.0083		0.0075
8/16/2016	0.0028				
10/6/2016	0.003	0.004	0.0081		0.0071
10/10/2016				0.0052	
11/30/2016		0.0035			
12/1/2016	0.0022 (J)		0.0083	0.0062	0.007
2/8/2017					0.0047
2/9/2017	0.0035	0.0041	0.0087	0.0091	
4/6/2017	0.0032	0.0038			0.006
4/7/2017			0.009	<0.002	
6/21/2017	0.0031	0.004		<0.002	0.0071
6/22/2017			0.0092		
8/15/2017				<0.002	
9/1/2017				<0.002	
10/5/2017	0.0029				0.008

Time Series

Constituent: Chromium, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
10/6/2017		0.0038	0.0095		
10/9/2017				<0.002	
3/21/2018		<0.002 (X)			<0.002 (X)
3/22/2018	0.0086 (J+X)		0.0086 (J+X)	0.0079 (J+X)	
10/2/2018					0.0081
10/3/2018	0.003	0.0042			
10/4/2018			0.0083	<0.002	
3/26/2019		0.0044			
3/27/2019	0.0039		0.0088	<0.002	0.0064
9/11/2019	0.0079	0.0078	0.013	0.0052	0.012
3/18/2020	0.0052	0.0046		<0.002	0.0066
3/19/2020			0.011		
9/9/2020	0.0048			<0.002	0.0081
9/10/2020		0.0049	0.0098		
4/1/2021	0.0058		0.0091		0.0018 (J)
4/5/2021		0.005		<0.002	
8/11/2021		0.005	0.0092		
8/12/2021	0.0053			<0.002	0.0077
2/15/2022	0.0061	0.0046	0.0088	<0.002	0.0079

Time Series

Constituent: Cobalt, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
5/8/2010			<0.0025		
5/9/2010	<0.0025	<0.0025			
5/10/2010					<0.0025
5/11/2010				<0.0025	
6/16/2010		<0.0025	<0.0025		<0.0025
6/17/2010				<0.0025	
6/18/2010	<0.0025				
7/26/2010			<0.0025		
7/27/2010		<0.0025		<0.0025	
7/28/2010	<0.0025				<0.0025
9/7/2010		<0.0025	<0.0025		
9/8/2010					<0.0025
9/9/2010	<0.0025			<0.0025	
4/28/2011				<0.0025	
4/29/2011		0.003 (O)	<0.0025		<0.0025
4/30/2011	<0.0025				
10/27/2011					<0.0025
10/28/2011	<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	
5/4/2012					<0.0025
11/9/2012	<0.0025	<0.0025	<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			<0.0025	<0.0025
11/6/2013		<0.0025	<0.0025		
5/20/2014	<0.0025	<0.0025	<0.0025		
5/21/2014					<0.0025
5/23/2014				<0.0025	
11/8/2014		<0.0025	<0.0025		
11/12/2014	<0.0025				<0.0025
11/13/2014				<0.0025	
5/22/2015	<0.0025	<0.0025	<0.0025		
5/23/2015				<0.0025	<0.0025
11/9/2015		<0.0025	<0.0025		
11/11/2015	<0.0025			<0.0025	
11/12/2015					<0.0025
4/6/2016	0.00261 (O)	<0.0025	<0.0025		
4/12/2016				<0.0025	
4/13/2016					<0.0025 (D)
6/15/2016	0.00092 (J)	2.2E-05 (J)	8.4E-05 (J)		
6/16/2016				<0.0025	
6/21/2016					<0.0025
8/10/2016	0.00076 (J)	<0.0025	<0.0025		
8/11/2016				<0.0025	
8/15/2016					<0.0025
10/4/2016	0.00081 (J)	<0.0025		<0.0025	
10/5/2016			<0.0025		<0.0025
11/29/2016		<0.0025	<0.0025		
11/30/2016	0.00061 (J)			<0.0025	

Time Series

Constituent: Cobalt, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
12/1/2016					<0.0025
2/7/2017	<0.0025	<0.0025	<0.0025	<0.0025	
2/8/2017					<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	
6/21/2017					<0.0025
10/4/2017	0.00087 (J)			<0.0025	
10/5/2017		<0.0025	<0.0025		<0.0025
3/20/2018	0.0018 (JD)	<0.0025	<0.0025	<0.0025	
3/21/2018					<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	
3/27/2019					<0.0025
9/10/2019	0.0012 (J)	0.00031 (J)	0.00052 (J)	<0.0025	
9/11/2019					<0.0025
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		
8/18/2021				0.00025 (J)	
10/18/2021					<0.0025
2/15/2022	0.0029	<0.0025	<0.0025	<0.0025	<0.0025

Time Series

Constituent: Cobalt, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
5/9/2010		<0.0025	<0.0025	<0.0025	
5/10/2010	<0.0025				<0.0025
6/16/2010	<0.0025				<0.0025
6/18/2010		<0.0025	<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
9/8/2010	<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	
10/27/2011	<0.0025				
10/28/2011		<0.0025	<0.0025	<0.0025	<0.0025
5/2/2012					<0.0025
5/3/2012		<0.0025		<0.0025	
5/4/2012	<0.0025		<0.0025		
11/9/2012					<0.0025
11/10/2012	<0.0025	<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	<0.0025	<0.0025	
5/23/2014					<0.0025
11/8/2014					<0.0025
11/12/2014	<0.0025	<0.0025	<0.0025	<0.0025	
5/22/2015					0.0032 (O)
5/23/2015		<0.0025			
5/24/2015	<0.0025		<0.0025	<0.0025	
11/10/2015					<0.0025
11/11/2015				<0.0025	
11/12/2015	<0.0025	<0.0025	<0.0025		
4/11/2016					<0.0025
4/13/2016	<0.0025 (D)	<0.0025 (D)	<0.0025 (D)	<0.0025 (D)	
6/16/2016					<0.0025
6/21/2016	<0.0025	0.0004 (J)	<0.0025	<0.0025	
8/11/2016					<0.0025
8/15/2016	<0.0025	0.00042 (J)	<0.0025	<0.0025	
10/4/2016				<0.0025	
10/5/2016	<0.0025	0.00049 (J)			<0.0025
10/7/2016			<0.0025		
11/29/2016					<0.0025
12/1/2016	<0.0025	<0.0025	<0.0025	<0.0025	
2/7/2017				<0.0025	
2/8/2017	<0.0025	<0.0025			<0.0025
2/9/2017			<0.0025		
4/5/2017		<0.0025			

Time Series

Constituent: Cobalt, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
4/6/2017	<0.0025		<0.0025	<0.0025	<0.0025
6/20/2017	<0.0025	0.0004 (J)		<0.0025	
6/21/2017					<0.0025
6/22/2017			<0.0025		
10/5/2017	<0.0025	0.00041 (J)		<0.0025	<0.0025
10/6/2017			<0.0025		
3/20/2018				<0.0025	<0.0025
3/21/2018	<0.0025	<0.0025			
3/22/2018			<0.0025		
10/2/2018	<0.0025	<0.0025		<0.0025	<0.0025
10/3/2018			<0.0025		
3/26/2019		<0.0025	<0.0025	<0.0025	<0.0025
3/27/2019	<0.0025				
9/11/2019	<0.0025	0.00042 (J)	<0.0025	<0.0025	0.00023 (J)
3/18/2020	<0.0025	0.00013 (J)	<0.0025	<0.0025	0.00018 (J)
9/9/2020				<0.0025	0.00014 (J)
9/10/2020	0.00033 (J)	0.00057 (J)	<0.0025		
4/1/2021	<0.0025	0.00028 (J)		<0.0025	<0.0025
4/6/2021			<0.0025		
8/11/2021	<0.0025	0.00033 (J)	<0.0025	<0.0025	0.00021 (J)
2/16/2022	<0.0025	0.00033 (J)	<0.0025	<0.0025	<0.0025

Time Series

Constituent: Cobalt, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
5/11/2010	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
6/16/2010	<0.0025				
6/17/2010			<0.0025	<0.0025	<0.0025
6/19/2010		<0.0025			
7/27/2010	<0.0025	<0.0025	<0.0025		
7/28/2010				0.0034 (O)	<0.0025
9/7/2010	<0.0025		<0.0025	<0.0025	
9/8/2010					<0.0025
9/9/2010		<0.0025			
4/28/2011		<0.0025			<0.0025
4/29/2011	<0.0025		<0.0025	0.0037 (O)	
10/28/2011	<0.0025	<0.0025	<0.0025	<0.0025	
10/29/2011					<0.0025
5/2/2012	<0.0025				
5/3/2012		<0.0025	<0.0025	<0.0025	<0.0025
11/9/2012	<0.0025	<0.0025		<0.0025	
11/10/2012			<0.0025		<0.0025
5/9/2013	<0.0025	<0.0025	<0.0025		
5/10/2013				<0.0025	<0.0025
11/5/2013		<0.0025			
11/6/2013	<0.0025		<0.0025	<0.0025	<0.0025
5/22/2014	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
11/8/2014	<0.0025				
11/9/2014			<0.0025	<0.0025	<0.0025
11/13/2014		<0.0025			
5/22/2015				<0.0025	<0.0025
5/23/2015	<0.0025				
5/24/2015		<0.0025	<0.0025		
11/10/2015	<0.0025		<0.0025	<0.0025	
11/11/2015		<0.0025			<0.0025
4/11/2016	<0.0025				
4/12/2016		<0.0025	<0.0025	<0.0025 (D)	<0.0025
6/16/2016	<0.0025	<0.0025	0.00012 (J)		
6/20/2016				0.0001 (J)	0.00016 (J)
8/11/2016	<0.0025	<0.0025	<0.0025		
8/12/2016				0.00042 (J)	<0.0025
10/4/2016		<0.0025			
10/5/2016	<0.0025		<0.0025	<0.0025	
10/6/2016					0.00068 (J)
11/29/2016	<0.0025				
11/30/2016		<0.0025	<0.0025	<0.0025	<0.0025
2/7/2017		<0.0025			
2/8/2017	<0.0025		<0.0025	<0.0025	<0.0025
4/5/2017	<0.0025				
4/6/2017		<0.0025	0.0005 (J)	<0.0025	<0.0025
6/20/2017		<0.0025			
6/21/2017	<0.0025		<0.0025	0.00042 (J)	
6/22/2017					<0.0025
10/4/2017		<0.0025			
10/5/2017	<0.0025		<0.0025	<0.0025	
10/6/2017					<0.0025
3/20/2018	<0.0025	<0.0025			

Time Series

Constituent: Cobalt, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
3/21/2018			<0.0025	<0.0025	<0.0025
10/2/2018	<0.0025	<0.0025			
10/3/2018			<0.0025	<0.0025	<0.0025
3/26/2019	<0.0025	<0.0025	<0.0025	<0.0025	0.00096 (J)
9/10/2019		0.00015 (J)		0.00028 (J)	<0.0025
9/12/2019	0.00021 (J)		0.00021 (J)		
3/18/2020		<0.0025		0.00014 (J)	
3/19/2020	0.00014 (J)		0.00026 (J)		0.00021 (J)
9/9/2020	<0.0025	<0.0025			
9/10/2020			0.00018 (J)	0.00023 (J)	0.00032 (J)
4/1/2021		<0.0025			
4/2/2021					0.00026 (J)
4/5/2021	<0.0025		<0.0025		
4/6/2021				0.00031 (J)	
8/11/2021	<0.0025		<0.0025		
8/12/2021		0.0002 (J)		0.00067 (J)	<0.0025
2/15/2022		<0.0025		<0.0025	<0.0025
2/16/2022	<0.0025		<0.0025		

Time Series

Constituent: Cobalt, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
5/10/2010			<0.0025	<0.0025	<0.0025
5/11/2010	<0.0025	<0.0025			
6/16/2010					<0.0025
6/18/2010	<0.0025	<0.0025	<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
9/9/2010	<0.0025	<0.0025	<0.0025		
4/29/2011	<0.0025				<0.0025
4/30/2011		<0.0025	<0.0025	0.0063 (O)	
10/27/2011				<0.0025	<0.0025
10/28/2011	<0.0025				
10/29/2011		<0.0025	<0.0025		
5/3/2012					<0.0025
5/4/2012	<0.0025	<0.0025	<0.0025	<0.0025	
11/10/2012	<0.0025	<0.0025	<0.0025		
11/11/2012				<0.0025	<0.0025
5/9/2013	<0.0025	<0.0025	<0.0025		<0.0025
5/10/2013				0.0068 (O)	
11/6/2013	<0.0025				<0.0025
11/7/2013		<0.0025	<0.0025	<0.0025	
5/21/2014		<0.0025	<0.0025	<0.0025	<0.0025
5/22/2014	<0.0025				
11/9/2014	<0.0025	<0.0025			
11/12/2014			<0.0025		<0.0025
11/13/2014				0.0046	
5/23/2015				<0.0025	<0.0025
5/24/2015	<0.0025	<0.0025	<0.0025		
11/11/2015	<0.0025	<0.0025	<0.0025	<0.0025	
11/12/2015					<0.0025
4/12/2016		<0.0025			
4/13/2016			<0.0025 (D)		<0.0025 (D)
4/19/2016	<0.0025			<0.0025	
6/20/2016		3E-05 (J)	8.6E-05 (J)		
6/22/2016	<0.0025				<0.0025
8/12/2016		<0.0025			
8/15/2016			<0.0025		<0.0025
8/16/2016	<0.0025				
10/6/2016	<0.0025	<0.0025	<0.0025		<0.0025
10/10/2016				<0.0025	
11/30/2016		<0.0025			
12/1/2016	<0.0025		<0.0025	0.00068 (J)	<0.0025
2/8/2017					<0.0025
2/9/2017	<0.0025	<0.0025	<0.0025	0.0009 (J)	
4/6/2017	<0.0025	<0.0025			<0.0025
4/7/2017			<0.0025	0.0011 (J)	
6/21/2017	<0.0025	<0.0025		0.00064 (J)	<0.0025
6/22/2017			<0.0025		
8/15/2017				0.001 (J)	
9/1/2017				0.00089 (J)	
10/5/2017	<0.0025				<0.0025

Time Series

Constituent: Cobalt, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
10/6/2017		<0.0025	<0.0025		
10/9/2017				0.00085 (J)	
3/21/2018		<0.0025			<0.0025
3/22/2018	<0.0025		<0.0025	<0.0004 (o)	
10/2/2018					<0.0025
10/3/2018	<0.0025	<0.0025			
10/4/2018			<0.0025	0.00048 (J)	
3/26/2019		<0.0025			
3/27/2019	<0.0025		<0.0025	0.0012 (J)	<0.0025
9/11/2019	9.9E-05 (J)	8.7E-05 (J)	0.00016 (J)	0.00085 (J)	0.00016 (J)
3/18/2020	<0.0025	<0.0025		0.0027	<0.0025
3/19/2020			0.00013 (J)		
9/9/2020	<0.0025			0.0043	0.00023 (J)
9/10/2020		<0.0025	0.00038 (J)		
4/1/2021	<0.0025		0.00015 (J)		0.00015 (J)
4/5/2021		0.00015 (J)		0.0026	
8/11/2021		<0.0025	<0.0025		
8/12/2021	<0.0025			0.0019 (J)	0.00013 (J)
2/15/2022	<0.0025	<0.0025	<0.0025	0.0037	<0.0025

Time Series

Constituent: Copper (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
5/8/2010			<0.002		
5/9/2010	<0.002	<0.002			
5/10/2010					<0.002
5/11/2010				<0.002	
6/16/2010		<0.002	<0.002		<0.002
6/17/2010				<0.002	
6/18/2010	<0.002				
7/26/2010			<0.002		
7/27/2010		<0.002		<0.002	
7/28/2010	<0.002				<0.002
9/7/2010		<0.002	<0.002		
9/8/2010					<0.002
9/9/2010	<0.002			<0.002	
4/28/2011				<0.002	
4/29/2011		<0.002	<0.002		<0.002
4/30/2011	<0.002				
10/27/2011					<0.002
10/28/2011	<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	
5/4/2012					<0.002
11/9/2012	<0.002	<0.002	<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			<0.002	<0.002
11/6/2013		<0.002	<0.002		
5/20/2014	<0.002	<0.002	<0.002		
5/21/2014					<0.002
5/23/2014				<0.002	
11/8/2014		<0.002	<0.002		
11/12/2014	<0.002				<0.002
11/13/2014				<0.002	
5/22/2015	<0.002	<0.002	<0.002		
5/23/2015				<0.002	<0.002
11/9/2015		<0.002	<0.002		
11/11/2015	<0.002			<0.002	
11/12/2015					<0.002
4/6/2016	<0.002	<0.002	<0.002		
4/12/2016				<0.002	
4/13/2016					<0.002 (D)
10/4/2016	<0.002	<0.002		<0.002	
10/5/2016			<0.002		<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	
10/5/2017		<0.002	<0.002		<0.002
3/20/2018	<0.002 (D)	<0.002	<0.002	<0.002	
3/21/2018					<0.002
10/2/2018	<0.002	<0.002	<0.002	<0.002	<0.002

Time Series

Constituent: Copper (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
3/26/2019	<0.002	<0.002	<0.002	<0.002	
3/27/2019					<0.002
9/10/2019	<0.002	0.00095 (J)	0.0012 (J)	<0.002	
9/11/2019					<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	<0.002
8/11/2021	<0.002	<0.002	<0.002		
8/18/2021				0.0011 (J)	
10/18/2021					<0.002
2/15/2022	<0.002	<0.002	<0.002	0.0013 (J)	<0.002

Time Series

Constituent: Copper (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
5/9/2010		<0.002	<0.002	<0.002	
5/10/2010	<0.002				<0.002
6/16/2010	<0.002				0.0025 (J)
6/18/2010		<0.002	<0.002	<0.002	
7/26/2010					0.0023 (J)
7/27/2010	<0.002	<0.002			
7/28/2010				<0.002	
7/29/2010			<0.002		
9/7/2010					<0.002
9/8/2010	<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	
10/27/2011	<0.002				
10/28/2011		<0.002	<0.002	<0.002	<0.002
5/2/2012					<0.002
5/3/2012		<0.002		0.0021 (J)	
5/4/2012	<0.002		0.0024 (J)		
11/9/2012					<0.002
11/10/2012	<0.002	<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	<0.002	<0.002	
5/23/2014					<0.002
11/8/2014					<0.002
11/12/2014	<0.002	<0.002	<0.002	<0.002	
5/22/2015					<0.002
5/23/2015		<0.002			
5/24/2015	<0.002		<0.002	<0.002	
11/10/2015					<0.002
11/11/2015				<0.002	
11/12/2015	<0.002	<0.002	<0.002		
4/11/2016					<0.002
4/13/2016	<0.002 (D)	<0.002 (D)	<0.002 (D)	<0.002 (D)	
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	0.0021 (J)	<0.002		<0.002	<0.002
10/6/2017			<0.002		
3/20/2018				<0.002	<0.002
3/21/2018	<0.002	<0.002 (D)			
3/22/2018			<0.002		
10/2/2018	<0.002	<0.002		<0.002	<0.002
10/3/2018			<0.002		
3/26/2019		<0.002	<0.002	<0.002	<0.002

Time Series

Constituent: Copper (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
3/27/2019	<0.002				
9/11/2019	<0.002	<0.002	<0.002	<0.002	0.00084 (J)
3/18/2020	<0.002	<0.002	<0.002	<0.002	<0.002
9/9/2020				<0.002	0.00084 (J)
9/10/2020	0.0007 (J)	<0.002	<0.002		
4/1/2021	<0.002	<0.002		<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

Time Series

Constituent: Copper (mg/L) Analysis Run 7/6/2022 8:04 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
5/11/2010	<0.002	<0.002	<0.002	0.003 (J)	<0.002
6/16/2010	<0.002				
6/17/2010			<0.002	<0.002	0.0022 (J)
6/19/2010		<0.002			
7/27/2010	<0.002	<0.002	0.0021 (J)		
7/28/2010				0.012 (O)	0.0033 (J)
9/7/2010	<0.002		<0.002	0.0026 (J)	
9/8/2010					<0.002
9/9/2010		<0.002			
4/28/2011		<0.002			0.0037 (J)
4/29/2011	<0.002		<0.002	<0.002	
10/28/2011	<0.002	<0.002	<0.002	<0.002	
10/29/2011					<0.002
5/2/2012	<0.002				
5/3/2012		<0.002	<0.002	<0.002	0.0031 (J)
11/9/2012	<0.002	<0.002		<0.002	
11/10/2012			<0.002		0.0021 (J)
5/9/2013	<0.002	<0.002	<0.002		
5/10/2013				0.0042 (J)	0.0025 (J)
11/5/2013		<0.002			
11/6/2013	<0.002		<0.002	<0.002	0.0032 (J)
5/22/2014	<0.002	<0.002	<0.002	<0.002	<0.002
11/8/2014	<0.002				
11/9/2014			<0.002	<0.002	<0.002
11/13/2014		<0.002			
5/22/2015				<0.002	<0.002
5/23/2015	<0.002				
5/24/2015		<0.002	<0.002		
11/10/2015	<0.002	<0.002	<0.002	<0.002	
11/11/2015		<0.002			0.002 (J)
4/11/2016	<0.002				
4/12/2016		<0.002	<0.002	<0.002 (D)	<0.002
10/4/2016		<0.002			
10/5/2016	<0.002		<0.002	<0.002	
10/6/2016					0.0022 (J)
4/5/2017	<0.002				
4/6/2017		<0.002	<0.002	<0.002	<0.002
10/4/2017		<0.002			
10/5/2017	<0.002		<0.002	<0.002	
10/6/2017					<0.002
3/20/2018	<0.002	<0.002			
3/21/2018			<0.002	<0.002	<0.002
10/2/2018	<0.002	<0.002			
10/3/2018			<0.002	<0.002	<0.002
3/26/2019	<0.002	<0.002	<0.002	<0.002	0.0039
9/10/2019		<0.002		0.0011 (J)	0.0017 (J)
3/18/2020		<0.002		<0.002	
3/19/2020	<0.002		<0.002		<0.002
9/9/2020	<0.002	<0.002			
9/10/2020			<0.002	0.00072 (J)	0.0011 (J)
4/1/2021		0.00069 (J)			
4/2/2021					0.0012 (J)

Time Series

Constituent: Copper (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
4/5/2021	<0.002		<0.002		
4/6/2021				0.00088 (J)	
8/11/2021	<0.002		<0.002		
8/12/2021		0.00078 (J)		0.0019 (J)	<0.002
2/15/2022		0.0013 (J)		0.0013 (J)	0.0011 (J)
2/16/2022	<0.002		<0.002		

Time Series

Constituent: Copper (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
5/10/2010			<0.002	0.0036 (J)	<0.002
5/11/2010	<0.002	<0.002			
6/16/2010					<0.002
6/18/2010	<0.002	0.0026 (J)	0.008 (O)		
6/19/2010				0.004 (J)	
7/27/2010	<0.002	0.0029 (J)			<0.002
7/28/2010			0.0021 (J)	0.013	
9/8/2010				0.068	<0.002
9/9/2010	<0.002	<0.002	<0.002		
4/29/2011	<0.002				<0.002
4/30/2011		<0.002	<0.002	0.098	
10/27/2011				0.02	<0.002
10/28/2011	<0.002				
10/29/2011		<0.002	<0.002		
5/3/2012					0.0023
5/4/2012	<0.002	0.0037 (J)	<0.002	0.024	
11/10/2012	<0.002	<0.002	<0.002		
11/11/2012				0.032	<0.002
5/9/2013	<0.002	<0.002	<0.002		<0.002
5/10/2013				0.18	
11/6/2013	<0.002				<0.002
11/7/2013		<0.002	0.0022 (J)	0.021	
5/21/2014		<0.002	<0.002	0.0089 (J)	<0.002
5/22/2014	<0.002				
11/9/2014	<0.002	<0.002			
11/12/2014			<0.002		<0.002
11/13/2014				0.1	
5/23/2015				0.048	<0.002
5/24/2015	<0.002	<0.002	0.0022 (J)		
11/11/2015	<0.002	<0.002	<0.002	0.059	
11/12/2015					<0.002
4/12/2016		<0.002			
4/13/2016			<0.002 (D)		<0.002 (D)
4/19/2016	<0.002			0.0131 (J)	
10/6/2016	<0.002	<0.002	<0.002		<0.002
10/10/2016				0.0046	
4/6/2017	<0.002	<0.002			<0.002
4/7/2017			<0.002	<0.002	
10/5/2017	<0.002				<0.002
10/6/2017		<0.002	0.0026		
10/9/2017				<0.002	
3/21/2018		<0.002			0.0038
3/22/2018	<0.002		<0.002	<0.002	
10/2/2018					<0.002
10/3/2018	<0.002	<0.002			
10/4/2018			<0.002	<0.002	
3/26/2019		<0.002			
3/27/2019	<0.002		<0.002	<0.002	<0.002
9/11/2019	<0.002	0.00066 (J)	0.00086 (J)	<0.002	<0.002
3/18/2020	<0.002	<0.002		<0.002	<0.002
3/19/2020			<0.002		
9/9/2020	<0.002			<0.002	<0.002

Time Series

Constituent: Copper (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
9/10/2020		<0.002	0.0024		
4/1/2021	<0.002		0.00094 (J)		<0.002
4/5/2021		<0.002		<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

Time Series

Constituent: Fluoride (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
4/6/2016	0.017 (J)	0.048 (J)	0.039 (J)		
4/12/2016				0.087 (J)	
4/13/2016					0.082 (JD)
6/15/2016	<0.1	<0.1	<0.1		
6/16/2016				0.04 (J)	
6/21/2016					0.02 (J)
8/10/2016	<0.1	<0.1	<0.1		
8/11/2016				0.092 (J)	
8/15/2016					<0.1
10/4/2016	<0.1	<0.1		<0.1	
10/5/2016			<0.1		<0.1
11/29/2016		<0.1	<0.1		
11/30/2016	<0.1			0.091 (J)	
12/1/2016					<0.1
2/7/2017	<0.1	<0.1	<0.1	<0.1	
2/8/2017					<0.1
4/4/2017	<0.1	<0.1	<0.1		
4/5/2017				<0.1	
4/6/2017					<0.1
6/20/2017	<0.1	<0.1	<0.1	0.082 (J)	
6/21/2017					<0.1
10/4/2017	<0.1			<0.1	
10/5/2017		<0.1	<0.1		<0.1
3/20/2018	<0.1 (D)	<0.1	<0.1	<0.1	
3/21/2018					<0.1
10/2/2018	<0.1	<0.1	<0.1	0.089 (J)	<0.1
3/26/2019	<0.1	0.041 (J)	0.042 (J)	0.072 (J)	
3/27/2019					0.077 (J)
9/10/2019	<0.1	0.047 (J)	0.046 (J)	0.077 (J)	
9/11/2019					0.067 (J)
3/18/2020	0.036 (J)	0.041 (J)	0.071 (J)	0.098 (J)	0.088 (J)
9/9/2020	<0.1	0.034 (J)	0.036 (J)	0.069 (J)	0.055 (J)
4/1/2021	<0.1	0.035 (J)	0.042 (J)	0.081 (J)	0.086 (J)
8/11/2021	0.036 (J)	0.05 (J)	0.053 (J)		
8/17/2021					0.083 (J)
10/18/2021				0.081 (J)	
2/15/2022	0.054 (J)	0.079 (J)	0.083 (J)	0.12	0.099 (J)
5/12/2022				0.048 (J,R)	

Time Series

Constituent: Fluoride (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
4/11/2016					0.047 (J)
4/13/2016	0.061 (JD)	0.01 (JD)	0.039 (JD)	0.027 (JD)	
6/16/2016					<0.1
6/21/2016	0.03 (J)	<0.1	<0.1	<0.1	
8/11/2016					<0.1
8/15/2016	<0.1	<0.1	<0.1	<0.1	
10/4/2016				<0.1	
10/5/2016	<0.1	<0.1			<0.1
10/7/2016			<0.1		
11/29/2016					<0.1
12/1/2016	<0.1	<0.1	<0.1	<0.1	
2/7/2017				<0.1	
2/8/2017	<0.1	<0.1			<0.1
2/9/2017			<0.1		
4/5/2017		<0.1			
4/6/2017	<0.1		<0.1	<0.1	<0.1
6/20/2017	<0.1	<0.1		<0.1	
6/21/2017					<0.1
6/22/2017			<0.1		
10/5/2017	<0.1	<0.1		<0.1	<0.1
10/6/2017			<0.1		
3/20/2018				<0.1	<0.1
3/21/2018	<0.1	<0.1 (D)			
3/22/2018			<0.1		
10/2/2018	<0.1	<0.1		<0.1	<0.1
10/3/2018			<0.1		
3/26/2019		0.026 (J)	0.04 (J)	0.034 (J)	0.046 (J)
3/27/2019	0.048 (J)				
9/11/2019	0.054 (J)	0.039 (J)	0.051 (J)	0.045 (J)	0.055 (J)
3/18/2020	0.064 (J)	0.046 (J)	0.055 (J)	0.068 (J)	<0.1
9/9/2020				<0.1	0.045 (J)
9/10/2020	0.052 (J)	<0.1	0.034 (J)		
4/1/2021	0.042 (J)	<0.1		<0.1	0.041 (J)
4/6/2021			0.026 (J)		
8/11/2021	0.051 (J)	0.029 (J)	0.045 (J)	0.045 (J)	0.062 (J)
2/16/2022	<0.1	<0.1	<0.1	<0.1	0.034 (J)

Time Series

Constituent: Fluoride (mg/L) Analysis Run 7/6/2022 8:04 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
4/11/2016	0.048 (J)				
4/12/2016		0.046 (J)	0.056 (J)	0.057 (JD)	0.121 (J)
6/16/2016	<0.1	<0.1	<0.1		
6/20/2016				0.04 (J)	0.04 (J)
8/11/2016	<0.1	<0.1	<0.1		
8/16/2016				<0.1	0.13 (J)
10/4/2016		<0.1			
10/5/2016	<0.1		<0.1	<0.1	
10/6/2016					0.1 (J)
11/29/2016	<0.1				
11/30/2016		<0.1	<0.1	<0.1	0.13 (J)
2/7/2017		<0.1			
2/8/2017	<0.1		<0.1	<0.1	0.093 (J)
4/5/2017	<0.1				
4/6/2017		<0.1	<0.1	<0.1	0.1 (J)
6/20/2017		<0.1			
6/21/2017	<0.1		<0.1	<0.1	
6/22/2017					0.11 (J)
10/4/2017		<0.1			
10/5/2017	<0.1		<0.1	<0.1	
10/6/2017					0.096 (J)
3/20/2018	<0.1	<0.1			
3/21/2018			<0.1	<0.1	0.094 (J)
10/2/2018	<0.1	<0.1			
10/3/2018			<0.1	<0.1	0.1 (J+X)
3/26/2019	0.04 (J)	0.046 (J)	0.045 (J)	0.046 (J)	0.087 (J)
9/10/2019		0.048 (J)		0.058 (J)	0.097 (J)
9/12/2019	0.032 (J)		0.044 (J)		
3/18/2020		0.055 (J)		0.091 (J)	
3/19/2020	<0.1		<0.1		0.038 (J)
9/9/2020	0.034 (J)	0.033 (J)			
9/10/2020			0.051 (J)	0.063 (J)	0.1
4/1/2021		0.043 (J)			
4/2/2021					0.097 (J)
4/6/2021				0.045 (J)	
6/1/2021	0.026 (J)		0.033 (J)		
8/11/2021	0.047 (J)		0.051 (J)		
8/12/2021		0.054 (J)		0.084 (J)	0.11
2/15/2022		0.072 (J)		0.092 (J)	0.13
2/16/2022	0.028 (J)		<0.1		

Time Series

Constituent: Fluoride (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
4/12/2016		0.061 (J)			
4/13/2016			0.061 (JD)		0.083 (JD)
4/19/2016	0.024 (J)			0.135 (J)	
6/20/2016		<0.1	0.12 (J)		
6/22/2016	<0.1				0.03 (J)
8/15/2016			<0.1		<0.1
8/16/2016	<0.1	<0.1			
10/6/2016	<0.1	<0.1	<0.1		<0.1
10/10/2016				0.12 (J)	
11/30/2016		<0.1			
12/1/2016	<0.1		<0.1	0.12 (J)	<0.1
2/8/2017					<0.1
2/9/2017	<0.1	<0.1	<0.1	0.11 (J)	
4/6/2017	<0.1	<0.1			<0.1
4/7/2017			<0.1	0.15 (J)	
6/21/2017	<0.1	<0.1		0.21	<0.1
6/22/2017			<0.1		
8/15/2017				0.1 (J)	
9/1/2017				0.084 (J)	
10/5/2017	<0.1				0.084 (J)
10/6/2017		<0.1	<0.1		
3/21/2018		<0.1			<0.1
3/22/2018	<0.1		<0.1	0.091 (J)	
10/2/2018					<0.1
10/3/2018	<0.1	<0.1			
10/4/2018			<0.1	0.14 (J+X)	
3/26/2019		0.058 (J)			
3/27/2019	0.038 (J)		0.04 (J)	0.071 (J)	0.066 (J)
9/11/2019	0.045 (J)	0.058 (J)	0.057 (J)	0.071 (J)	0.067 (J)
3/18/2020	0.055 (J)	0.082 (J)		0.073 (J)	0.096 (J)
3/19/2020			<0.1		
9/9/2020	0.033 (J)			0.038 (J)	0.067 (J)
9/10/2020		0.052 (J)	0.053 (J)		
4/1/2021	0.029 (J)		0.072 (J)		0.072 (J)
6/1/2021				0.034 (J)	
6/2/2021		0.038 (J)			
8/11/2021		0.055 (J)	0.058 (J)		
8/12/2021	0.045 (J)			0.087 (J)	0.085 (J)
2/15/2022	0.16	0.095 (J)	0.083 (J)	0.096 (J)	0.096 (J)
5/12/2022	0.03 (J,R)				

Time Series

Constituent: Lead, Total (mg/L) Analysis Run 7/6/2022 8:04 AM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
5/8/2010			<0.001		
5/9/2010	<0.001	0.0021 (J)			
5/10/2010					<0.001
5/11/2010				<0.001	
6/16/2010		0.0028 (J)	0.0021 (J)		0.002 (J)
6/17/2010				0.0026 (J)	
6/18/2010	<0.001				
7/26/2010			<0.001		
7/27/2010		<0.001		<0.001	
7/28/2010	<0.001				<0.001
9/7/2010		<0.001	<0.001		
9/8/2010					<0.001
9/9/2010	<0.001			<0.001	
4/28/2011				0.0036 (J)	
4/29/2011		0.0032 (J)	0.0024 (J)		0.003 (J)
4/30/2011	<0.001				
10/27/2011					0.0027 (J)
10/28/2011	<0.001	0.0025 (J)	0.002 (J)		
10/29/2011				0.0038 (J)	
5/2/2012	<0.001	<0.001	<0.001		
5/3/2012				<0.001	
5/4/2012					<0.001
11/9/2012	<0.001	0.0024 (J)	<0.001	0.0024 (J)	
11/11/2012					0.0022 (J)
5/8/2013	<0.001	0.0051	0.0034 (J)		
5/9/2013				0.0085	0.007
11/5/2013	<0.001			0.0042 (J)	0.0048 (J)
11/6/2013		0.0033 (J)	0.0028 (J)		
5/20/2014	<0.001	<0.001	<0.001		
5/21/2014					<0.001
5/23/2014				<0.001	
11/8/2014		<0.001	<0.001		
11/12/2014	<0.001				0.002 (J)
11/13/2014				<0.001	
5/22/2015	<0.001	0.0036 (J)	0.0032 (J)		
5/23/2015				0.0044 (J)	0.0035 (J)
11/9/2015		0.0039 (J)	<0.001		
11/11/2015	<0.001			0.0042 (J)	
11/12/2015					0.0032 (J)
4/6/2016	<0.001	<0.001	<0.001		
4/12/2016				<0.001	
4/13/2016					<0.001 (D)
6/15/2016	<0.001	<0.001	<0.001		
6/16/2016				<0.001	
6/21/2016					<0.001
8/10/2016	<0.001	<0.001	<0.001		
8/11/2016				<0.001	
8/15/2016					<0.001
10/4/2016	<0.001	<0.001		<0.001	
10/5/2016			<0.001		<0.001
11/29/2016		<0.001	<0.001		
11/30/2016	<0.001			<0.001	

Time Series

Constituent: Lead, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
12/1/2016					<0.001
2/7/2017	<0.001	<0.001	<0.001	<0.001	
2/8/2017					<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	
6/21/2017					<0.001
10/4/2017	<0.001			0.00067 (J)	
10/5/2017		<0.001	<0.001		<0.001
3/20/2018	<0.001 (D)	<0.001	<0.001	<0.001	
3/21/2018					<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	
3/27/2019					<0.001
9/10/2019	<0.001	0.00016 (J)	0.00022 (J)	<0.001	
9/11/2019					<0.001
3/18/2020	<0.001	<0.001	<0.001	0.00023 (J)	<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		
8/18/2021				<0.001	
10/18/2021					<0.001
2/15/2022	<0.001	<0.001	<0.001	<0.001	<0.001

Time Series

Constituent: Lead, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
5/9/2010		<0.001	<0.001	<0.001	
5/10/2010	<0.001				<0.001
6/16/2010	<0.001				0.0023 (J)
6/18/2010		<0.001	0.0021	<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
9/8/2010	<0.001	<0.001			
9/9/2010			<0.001	<0.001	
4/26/2011			<0.001		
4/29/2011	0.0032 (J)	<0.001			0.0033 (J)
4/30/2011				<0.001	
10/27/2011	0.0027 (J)				
10/28/2011		<0.001	<0.001	<0.001	0.0023 (J)
5/2/2012					<0.001
5/3/2012		<0.001		<0.001	
5/4/2012	<0.001		<0.001		
11/9/2012					<0.001
11/10/2012	0.0025 (J)	<0.001		<0.001	
11/11/2012			<0.001		
5/8/2013			0.0036	0.0024	0.0052
5/9/2013	0.0051	<0.001			
11/5/2013				0.0028	
11/6/2013	0.0037 (J)	<0.001			0.003 (J)
11/7/2013			<0.001		
5/20/2014	<0.001	<0.001	<0.001	<0.001	
5/23/2014					<0.001
11/8/2014					<0.001
11/12/2014	<0.001	<0.001	<0.001	<0.001	
5/22/2015					0.0023 (J)
5/23/2015		<0.001			
5/24/2015	0.0037 (J)		<0.001	<0.001	
11/10/2015					0.0025 (J)
11/11/2015				<0.001	
11/12/2015	0.0038 (J)	<0.001	<0.001		
4/11/2016					<0.001
4/13/2016	<0.001 (D)	<0.001 (D)	<0.001 (D)	<0.001 (D)	
6/16/2016					<0.001
6/21/2016	<0.001	<0.001	<0.001	<0.001	
8/11/2016					<0.001
8/15/2016	<0.001	<0.001	<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
12/1/2016	<0.001	<0.001	<0.001	<0.001	
2/7/2017				<0.001	
2/8/2017	<0.001	<0.001			<0.001
2/9/2017			<0.001		
4/5/2017		<0.001			

Time Series

Constituent: Lead, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
4/6/2017	<0.001		<0.001	<0.001	<0.001
6/20/2017	<0.001	<0.001		<0.001	
6/21/2017					<0.001
6/22/2017			<0.001		
10/5/2017	<0.001	<0.001		<0.001	<0.001
10/6/2017			0.00061 (J)		
3/20/2018				<0.001	<0.001
3/21/2018	<0.001	<0.001 (D)			
3/22/2018			<0.001		
10/2/2018	<0.001	<0.001		<0.001	<0.001
10/3/2018			<0.001		
3/26/2019		<0.001	<0.001	<0.001	<0.001
3/27/2019	<0.001				
9/11/2019	<0.001	<0.001	<0.001	<0.001	<0.001
3/18/2020	0.0017	<0.001	<0.001	<0.001	<0.001
9/9/2020				<0.001	<0.001
9/10/2020	0.00014 (J)	<0.001	<0.001		
4/1/2021	<0.001	<0.001		<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

Time Series

Constituent: Lead, Total (mg/L) Analysis Run 7/6/2022 8:04 AM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
5/11/2010	<0.001	<0.001	0.0026 (J)	0.011	<0.001
6/16/2010	0.0022 (J)				
6/17/2010			0.0021 (J)	0.0027 (J)	<0.001
6/19/2010		0.003 (J)			
7/27/2010	<0.001	<0.001	<0.001		
7/28/2010				<0.001	<0.001
9/7/2010	<0.001		<0.001	<0.001	
9/8/2010					0.002 (J)
9/9/2010		<0.001			
4/28/2011		0.0037 (J)			0.0042 (J)
4/29/2011	0.0029 (J)		0.0032 (J)	0.0038 (J)	
10/28/2011	0.0021 (J)	0.003 (J)	0.0025 (J)	<0.001	
10/29/2011					0.0036 (J)
5/2/2012	<0.001				
5/3/2012		<0.001	<0.001	<0.001	<0.001
11/9/2012	0.002 (J)	0.003 (J)		0.0029 (J)	
11/10/2012			<0.001		0.0023 (J)
5/9/2013	0.0056	0.0063	0.0056		
5/10/2013				0.0061	0.0062
11/5/2013		0.0043 (J)			
11/6/2013	0.0035 (J)		0.0032 (J)	0.0025 (J)	0.0043 (J)
5/22/2014	<0.001	<0.001	<0.001	<0.001	<0.001
11/8/2014	<0.001				
11/9/2014			<0.001	<0.001	<0.001
11/13/2014		0.0021 (J)			
5/22/2015				0.0034 (J)	0.0046 (J)
5/23/2015	0.0047 (J)				
5/24/2015		0.0043 (J)	0.0044 (J)		
11/10/2015	0.0044 (J)		0.0038 (J)	0.0021 (J)	
11/11/2015		0.0032 (J)			0.0028 (J)
4/11/2016	<0.001				
4/12/2016		<0.001	<0.001	<0.001 (D)	<0.001
6/16/2016	<0.001	<0.001	<0.001		
6/20/2016				<0.001	<0.001
8/11/2016	<0.001	<0.001	<0.001		
8/12/2016				<0.001	<0.001
10/4/2016		<0.001			
10/5/2016	<0.001		<0.001	<0.001	
10/6/2016					<0.001
11/29/2016	<0.001				
11/30/2016		<0.001	<0.001	<0.001	<0.001
2/7/2017		<0.001			
2/8/2017	<0.001		<0.001	<0.001	<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
10/4/2017		<0.001			
10/5/2017	0.0015		<0.001	<0.001	
10/6/2017					<0.001
3/20/2018	<0.001	<0.001			

Time Series

Constituent: Lead, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
3/21/2018			<0.001	<0.001	<0.001
10/2/2018	<0.001	<0.001			
10/3/2018			<0.001	0.00037 (J)	<0.001
3/26/2019	<0.001	<0.001	<0.001	<0.001	<0.001
9/10/2019		<0.001		<0.001	<0.001
9/12/2019	<0.001		<0.001		
3/18/2020		0.00014 (J)		<0.001	
3/19/2020	<0.001		<0.001		0.00019 (J)
9/9/2020	<0.001	<0.001			
9/10/2020			<0.001	<0.001	<0.001
4/1/2021		<0.001			
4/2/2021					<0.001
4/5/2021	0.00014 (J)		<0.001		
4/6/2021				<0.001	
8/11/2021	<0.001		<0.001		
8/12/2021		<0.001		0.00014 (J)	<0.001
2/15/2022		<0.001		<0.001	<0.001
2/16/2022	<0.001		<0.001		

Time Series

Constituent: Lead, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
5/10/2010			<0.001	<0.001	<0.001
5/11/2010	<0.001	<0.001			
6/16/2010					0.003 (J)
6/18/2010	0.0024	<0.001	0.0027 (J)		
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
9/9/2010	<0.001	<0.001	0.002 (J)		
4/29/2011	0.0028				0.0039 (J)
4/30/2011		0.0034 (J)	0.0037 (J)	0.011 (O)	
10/27/2011				0.0055	0.0043 (J)
10/28/2011	<0.001				
10/29/2011		0.0041 (J)	0.0025 (J)		
5/3/2012					<0.001
5/4/2012	<0.001	<0.001	<0.001	0.0029 (J)	
11/10/2012	<0.001	0.0023 (J)	0.003 (J)		
11/11/2012				0.0052	0.0025 (J)
5/9/2013	0.0061	0.0067	0.0064		0.0067
5/10/2013				0.023 (O)	
11/6/2013	0.0034				0.0069
11/7/2013		0.0048 (J)	0.0037 (J)	0.0083	
5/21/2014		<0.001	<0.001	<0.001	<0.001
5/22/2014	<0.001				
11/9/2014	<0.001	<0.001			
11/12/2014			<0.001		0.002 (J)
11/13/2014				0.0085	
5/23/2015				0.0077	0.003 (J)
5/24/2015	0.0093 (O)	0.0045 (J)	0.0053 (J)		
11/11/2015	0.0071	0.0048 (J)	0.0022 (J)	0.008	
11/12/2015					0.0044 (J)
4/12/2016		<0.001			
4/13/2016			<0.001 (D)		<0.001 (D)
4/19/2016	<0.001			<0.001	
6/20/2016		<0.001	<0.001		
6/22/2016	<0.001				<0.001
8/12/2016		<0.001			
8/15/2016			<0.001		<0.001
8/16/2016	<0.001				
10/6/2016	<0.001	<0.001	<0.001		<0.001
10/10/2016				<0.001	
11/30/2016		<0.001			
12/1/2016	<0.001		<0.001	0.00047 (J)	<0.001
2/8/2017					<0.001
2/9/2017	<0.001	<0.001	<0.001	0.0012 (J)	
4/6/2017	<0.001	<0.001			<0.001
4/7/2017			<0.001	<0.001	
6/21/2017	<0.001	<0.001		<0.001	<0.001
6/22/2017			<0.001		
8/15/2017				<0.001	
9/1/2017				<0.001	
10/5/2017	<0.001				<0.001

Time Series

Constituent: Lead, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
10/6/2017		<0.001	<0.001		
10/9/2017				<0.001	
3/21/2018		<0.001			<0.001
3/22/2018	<0.001		<0.001	<0.001	
10/2/2018					<0.001
10/3/2018	<0.001	<0.001			
10/4/2018			<0.001	<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
3/19/2020			<0.001		
9/9/2020	<0.001			<0.001	<0.001
9/10/2020		<0.001	0.00017 (J)		
4/1/2021	<0.001		<0.001		<0.001
4/5/2021		<0.001		0.00034 (J)	
8/11/2021		<0.001	0.00014 (J)		
8/12/2021	<0.001			<0.001	<0.001
2/15/2022	<0.001	<0.001	<0.001	<0.001	<0.001

Time Series

Constituent: Mercury (mg/L) Analysis Run 7/6/2022 8:04 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
5/8/2010			<0.0002		
5/9/2010	<0.0002	<0.0002			
5/10/2010					<0.0002
5/11/2010				<0.0002	
6/16/2010		<0.0002	<0.0002		<0.0002
6/17/2010				<0.0002	
6/18/2010	<0.0002				
7/26/2010			<0.0002		
7/27/2010		<0.0002		<0.0002	
7/28/2010	<0.0002				<0.0002
9/7/2010		7.4E-05 (J)	7.8E-05 (J)		
9/8/2010					8.8E-05 (J)
9/9/2010	<0.0002			<0.0002	
4/28/2011				<0.0002	
4/29/2011		<0.0002	<0.0002		<0.0002
4/30/2011	<0.0002				
10/27/2011					<0.0002
10/28/2011	<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	
5/4/2012					<0.0002
11/9/2012	<0.0002	<0.0002	<0.0002	<0.0002	
11/11/2012					<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	0.00011		
5/20/2014	<0.0002	<0.0002	<0.0002		
5/21/2014					<0.0002
5/23/2014				<0.0002	
11/8/2014		<0.0002	<0.0002		
11/12/2014	<0.0002				<0.0002
11/13/2014				<0.0002	
5/22/2015	7.2E-05 (J)	<0.0002	7.1E-05 (J)		
5/23/2015				<0.0002	<0.0002
11/9/2015		<0.0002	<0.0002		
11/11/2015	<0.0002			<0.0002	
11/12/2015					<0.0002
4/6/2016	<0.0002	<0.0002	<0.0002		
4/12/2016				<0.0002	
4/13/2016					<0.0002 (D)
6/15/2016	<0.0002	<0.0002	<0.0002		
6/16/2016				<0.0002	
6/21/2016					<0.0002
8/10/2016	<0.0002	<0.0002	<0.0002		
8/11/2016				<0.0002	
8/15/2016					<0.0002
10/4/2016	<0.0002	<0.0002		<0.0002	
10/5/2016			<0.0002		<0.0002
11/29/2016		<0.0002	<0.0002		
11/30/2016	<0.0002			<0.0002	

Time Series

Constituent: Mercury (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
12/1/2016					<0.0002
2/7/2017	<0.0002	<0.0002	<0.0002	7E-05 (J)	
2/8/2017					7.6E-05 (J)
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	
6/21/2017					<0.0002
10/4/2017	<0.0002			<0.0002	
10/5/2017		<0.0002	<0.0002		<0.0002
3/20/2018	<0.0002 (D)	<0.0002	<0.0002 (X)	<0.0002 (X)	
3/21/2018					<0.0002
10/2/2018	<0.0002 (X)	<0.0002 (X)	<0.0002 (X)	<0.0002 (X)	<0.0002 (X)
3/26/2019	<0.0002	<0.0002	<0.0002	<0.0002	
3/27/2019					<0.0002
9/10/2019	<0.0002	<0.0002	<0.0002	<0.0002	
9/11/2019					<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		
8/17/2021					<0.0002
8/18/2021				<0.0002	
2/15/2022	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002

Time Series

Constituent: Mercury (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
5/9/2010		<0.0002	8.2E-05 (J)	9.1E-05 (J)	
5/10/2010	<0.0002				<0.0002
6/16/2010	<0.0002				<0.0002
6/18/2010		<0.0002	<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
9/8/2010	<0.0002	<0.0002			
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	
10/27/2011	<0.0002				
10/28/2011		<0.0002	<0.0002	<0.0002	<0.0002
5/2/2012					<0.0002
5/3/2012		<0.0002		<0.0002	
5/4/2012	<0.0002		<0.0002		
11/9/2012					<0.0002
11/10/2012	<0.0002	<0.0002		<0.0002	
11/11/2012			<0.0002		
5/8/2013			<0.0002	<0.0002	<0.0002
5/9/2013	0.00019	<0.0002			
11/5/2013				0.00016	
11/6/2013	0.00014	<0.0002			<0.0002
11/7/2013			0.0001		
5/20/2014	<0.0002	<0.0002	<0.0002	<0.0002	
5/23/2014					<0.0002
11/8/2014					<0.0002
11/12/2014	<0.0002	<0.0002	<0.0002	<0.0002	
5/22/2015					<0.0002
5/23/2015		<0.0002			
5/24/2015	<0.0002		<0.0002	<0.0002	
11/10/2015					<0.0002
11/11/2015				<0.0002	
11/12/2015	<0.0002	<0.0002	<0.0002		
4/11/2016					<0.0002
4/13/2016	<0.0002 (D)	<0.0002 (D)	<0.0002 (D)	<0.0002 (D)	
6/16/2016					<0.0002
6/21/2016	<0.0002	<0.0002	<0.0002	<0.0002	
8/11/2016					<0.0002
8/15/2016	<0.0002	<0.0002	<0.0002	<0.0002	
10/4/2016				<0.0002	
10/5/2016	<0.0002	<0.0002			<0.0002
10/7/2016			<0.0002		
11/29/2016					<0.0002
12/1/2016	<0.0002	<0.0002	<0.0002	<0.0002	
2/7/2017				<0.0002	
2/8/2017	<0.0002	<0.0002			8.9E-05
2/9/2017			<0.0002		
4/5/2017		<0.0002			

Time Series

Constituent: Mercury (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
4/6/2017	<0.0002		<0.0002	<0.0002	<0.0002
6/20/2017	<0.0002	<0.0002		<0.0002	
6/21/2017					<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
3/21/2018	<0.0002	<0.0002 (D)			
3/22/2018			<0.0002 (X)		
10/2/2018	<0.0002 (X)	<0.0002 (X)		<0.0002 (X)	<0.0002 (X)
10/3/2018			<0.0002 (X)		
3/26/2019		<0.0002	<0.0002	<0.0002	<0.0002
3/27/2019	<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
9/10/2020	<0.0002	<0.0002	<0.0002		
4/1/2021	<0.0002	<0.0002		<0.0002	<0.0002
4/6/2021			<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	<0.0002

Time Series

Constituent: Mercury (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
5/11/2010	<0.0002	<0.0002	8.5E-05	<0.0002	<0.0002
6/16/2010	<0.0002				
6/17/2010			<0.0002	<0.0002	<0.0002
6/19/2010		<0.0002			
7/27/2010	<0.0002	<0.0002	<0.0002		
7/28/2010				<0.0002	<0.0002
9/7/2010	0.00011		0.0001	0.00012	
9/8/2010					<0.0002
9/9/2010		9.3E-05			
4/28/2011		<0.0002			<0.0002
4/29/2011	<0.0002		<0.0002	<0.0002	
10/28/2011	<0.0002	<0.0002	<0.0002	<0.0002	
10/29/2011					<0.0002
5/2/2012	<0.0002				
5/3/2012		<0.0002	<0.0002	<0.0002	<0.0002
11/9/2012	<0.0002	<0.0002		<0.0002	
11/10/2012			<0.0002		<0.0002
5/9/2013	<0.0002	<0.0002	<0.0002		
5/10/2013				0.00014	0.00012
11/5/2013		0.00011			
11/6/2013	<0.0002		<0.0002	0.00014	<0.0002
5/22/2014	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
11/8/2014	<0.0002				
11/9/2014			<0.0002	<0.0002	<0.0002
11/13/2014		<0.0002			
5/22/2015				<0.0002	<0.0002
5/23/2015	<0.0002				
5/24/2015		<0.0002	<0.0002		
11/10/2015	<0.0002	<0.0002	<0.0002	<0.0002	
11/11/2015		<0.0002			<0.0002
4/11/2016	<0.0002				
4/12/2016		<0.0002	<0.0002	<0.0002 (D)	<0.0002
6/16/2016	<0.0002	<0.0002	<0.0002		
6/20/2016				<0.0002	<0.0002
8/11/2016	<0.0002	<0.0002	<0.0002		
8/12/2016				<0.0002	<0.0002
10/4/2016		<0.0002			
10/5/2016	<0.0002		<0.0002	<0.0002	
10/6/2016					<0.0002
11/29/2016	<0.0002				
11/30/2016		<0.0002	<0.0002	<0.0002	<0.0002
2/7/2017		<0.0002			
2/8/2017	7.6E-05 (J)		7.5E-05 (J)	<0.0002	<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
10/4/2017		<0.0002			
10/5/2017	<0.0002		<0.0002	<0.0002	
10/6/2017					<0.0002
3/20/2018	<0.0002 (X)	<0.0002 (X)			

Time Series

Constituent: Mercury (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
3/21/2018			<0.0002	<0.0002	<0.0002 (X)
10/2/2018	<0.0002 (X)	<0.0002			
10/3/2018			<0.0002 (X)	<0.0002 (X)	<0.0002 (X)
3/26/2019	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
9/10/2019		<0.0002		<0.0002	<0.0002
9/12/2019	<0.0002		<0.0002		
3/18/2020		<0.0002		<0.0002	
3/19/2020	<0.0002		<0.0002		<0.0002
9/9/2020	<0.0002	<0.0002			
9/10/2020			<0.0002	<0.0002	<0.0002
4/1/2021		<0.0002			
4/2/2021					<0.0002
4/6/2021				<0.0002	
6/1/2021	<0.0002		<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
2/16/2022	<0.0002		0.00015 (J)		

Time Series

Constituent: Mercury (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
5/10/2010			<0.0002	<0.0002	<0.0002
5/11/2010	<0.0002	<0.0002			
6/16/2010					<0.0002
6/18/2010	<0.0002	<0.0002	<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
9/9/2010	<0.0002	0.00017	<0.0002		
4/29/2011	<0.0002				<0.0002
4/30/2011		<0.0002	<0.0002	<0.0002	
10/27/2011				<0.0002	<0.0002
10/28/2011	<0.0002				
10/29/2011		<0.0002	7E-05 (J)		
5/3/2012					<0.0002
5/4/2012	<0.0002	<0.0002	<0.0002	<0.0002	
11/10/2012	<0.0002	<0.0002	<0.0002		
11/11/2012				<0.0002	<0.0002
5/9/2013	0.00016	0.00014	<0.0002		<0.0002
5/10/2013				0.00014	
11/6/2013	<0.0002				8.8E-05
11/7/2013		0.00011	0.00016	0.00019	
5/21/2014		<0.0002	<0.0002	<0.0002	<0.0002
5/22/2014	<0.0002				
11/9/2014	<0.0002	<0.0002			
11/12/2014			<0.0002		<0.0002
11/13/2014				<0.0002	
5/23/2015				<0.0002	<0.0002
5/24/2015	<0.0002	<0.0002	<0.0002		
11/11/2015	<0.0002	<0.0002	<0.0002	<0.0002	
11/12/2015					<0.0002
4/12/2016		<0.0002			
4/13/2016			<0.0002 (D)		<0.0002 (D)
4/19/2016	<0.0002			<0.0002	
6/20/2016		<0.0002	<0.0002		
6/22/2016	<0.0002				<0.0002
8/12/2016		<0.0002			
8/15/2016			<0.0002		<0.0002
8/16/2016	<0.0002				
10/6/2016	<0.0002	<0.0002	<0.0002		<0.0002
10/10/2016				0.000155 (D)	
11/30/2016		<0.0002			
12/1/2016	<0.0002		<0.0002	<0.0002	<0.0002
2/8/2017					<0.0002
2/9/2017	<0.0002	<0.0002	<0.0002	<0.0002	
4/6/2017	<0.0002	<0.0002			<0.0002
4/7/2017			<0.0002	<0.0002	
6/21/2017	<0.0002	<0.0002		<0.0002	<0.0002
6/22/2017			<0.0002		
8/15/2017				<0.0002	
9/1/2017				<0.0002	
10/5/2017	<0.0002				<0.0002

Time Series

Constituent: Mercury (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
10/6/2017		<0.0002	<0.0002		
10/9/2017				8.9E-05 (J)	
3/21/2018		<0.0002 (X)			<0.0002
3/22/2018	<0.0002 (X)		<0.0002 (X)	<0.0002 (X)	
10/2/2018					<0.0002 (X)
10/3/2018	<0.0002 (X)	<0.0002 (X)			
10/4/2018			<0.0002 (X)	<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
3/19/2020			0.00011 (J)		
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
6/1/2021				<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

Time Series

Constituent: Nickel (mg/L) Analysis Run 7/6/2022 8:04 AM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
5/8/2010			<0.001		
5/9/2010	<0.001	<0.001			
5/10/2010					<0.001
5/11/2010				<0.001	
6/16/2010		<0.001	<0.001		<0.001
6/17/2010				<0.001	
6/18/2010	<0.001				
7/26/2010			<0.001		
7/27/2010		<0.001		<0.001	
7/28/2010	<0.001				<0.001
9/7/2010		<0.001	<0.001		
9/8/2010					<0.001
9/9/2010	<0.001			<0.001	
4/28/2011				0.0086 (O)	
4/29/2011		<0.001	<0.001		<0.001
4/30/2011	<0.001				
10/27/2011					<0.001
10/28/2011	<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	
5/4/2012					<0.001
11/9/2012	<0.001	<0.001	<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			<0.001	<0.001
11/6/2013		<0.001	<0.001		
5/20/2014	<0.001	<0.001	<0.001		
5/21/2014					<0.001
5/23/2014				<0.001	
11/8/2014		<0.001	<0.001		
11/12/2014	<0.001				<0.001
11/13/2014				<0.001	
5/22/2015	<0.001	<0.001	<0.001		
5/23/2015				<0.001	<0.001
11/9/2015		<0.001	<0.001		
11/11/2015	<0.001			<0.001	
11/12/2015					<0.001
4/6/2016	0.00202 (J)	<0.001	<0.001		
4/12/2016				<0.001	
4/13/2016					0.00271
10/4/2016	<0.001	<0.001		<0.001	
10/5/2016			<0.001		<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	
10/5/2017		<0.001	<0.001		<0.001
3/20/2018	<0.001 (D)	0.04 (O)	<0.001	<0.001	
3/21/2018					<0.001
10/2/2018	<0.001	<0.001	<0.001	<0.001	0.0018 (J)

Time Series

Constituent: Nickel (mg/L) Analysis Run 7/6/2022 8:04 AM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
3/26/2019	<0.001	<0.001	<0.001	<0.001	
3/27/2019					<0.001
9/10/2019	0.00081 (J)	0.00037 (J)	0.0012	0.00065 (J)	
9/11/2019					0.0016
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)	0.0021
4/1/2021	0.00049 (J)	<0.001	0.0004 (J)	0.00073 (J)	0.0012
8/11/2021	0.00051 (J)	<0.001	<0.001		
8/18/2021				0.0017	
10/18/2021					0.002
2/15/2022	0.00065 (J)	<0.001	<0.001	0.00052 (J)	0.0022

Time Series

Constituent: Nickel (mg/L) Analysis Run 7/6/2022 8:04 AM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
5/9/2010		<0.001	<0.001	<0.001	
5/10/2010	<0.001				<0.001
6/16/2010	<0.001				<0.001
6/18/2010		<0.001	<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
9/8/2010	<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	
10/27/2011	<0.001				
10/28/2011		<0.001	<0.001	<0.001	<0.001
5/2/2012					<0.001
5/3/2012		<0.001		<0.001	
5/4/2012	<0.001		<0.001		
11/9/2012					<0.001
11/10/2012	<0.001	<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	<0.001	<0.001	
5/23/2014					<0.001
11/8/2014					<0.001
11/12/2014	<0.001	<0.001	<0.001	<0.001	
5/22/2015					0.0045 (O)
5/23/2015		<0.001			
5/24/2015	<0.001		<0.001	<0.001	
11/10/2015					<0.001
11/11/2015				<0.001	
11/12/2015	<0.001	<0.001	<0.001		
4/11/2016					<0.001
4/13/2016	<0.001 (D)	<0.001 (D)	<0.001 (D)	<0.001 (D)	
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			<0.001		
3/20/2018				<0.001	<0.001
3/21/2018	<0.001	<0.001 (D)			
3/22/2018			<0.001		
10/2/2018	<0.001	<0.001		<0.001	<0.001
10/3/2018			<0.001		
3/26/2019		<0.001	<0.001	<0.001	<0.001

Time Series

Constituent: Nickel (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
3/27/2019	<0.001				
9/11/2019	0.00066 (J)	0.00084 (J)	0.00039 (J)	<0.001	0.00048 (J)
3/18/2020	0.0005 (J)	0.0006 (J)	0.00061 (J)	<0.001	0.00034 (J)
9/9/2020				<0.001	0.00064 (J)
9/10/2020	0.0012	0.00088 (J)	0.00044 (J)		
4/1/2021	0.00065 (J)	0.00065 (J)		<0.001	<0.001
4/6/2021			0.00053 (J)		
8/11/2021	0.0006 (J)	0.0008 (J)	<0.001	<0.001	<0.001
2/16/2022	0.0007 (J)	0.00076 (J)	<0.001	<0.001	<0.001

Time Series

Constituent: Nickel (mg/L) Analysis Run 7/6/2022 8:04 AM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
5/11/2010	<0.001	0.0033 (O)	<0.001	<0.001	<0.001
6/16/2010	<0.001				
6/17/2010			<0.001	<0.001	<0.001
6/19/2010		<0.001			
7/27/2010	<0.001	<0.001	<0.001		
7/28/2010				0.019 (O)	<0.001
9/7/2010	<0.001		<0.001	0.0093 (O)	
9/8/2010					<0.001
9/9/2010		<0.001			
4/28/2011		<0.001			<0.001
4/29/2011	<0.001		<0.001	<0.001	
10/28/2011	<0.001	<0.001	0.003 (J)	<0.001	
10/29/2011					<0.001
5/2/2012	<0.001				
5/3/2012		<0.001	<0.001	<0.001	<0.001
11/9/2012	<0.001	<0.001		0.0035 (J)	
11/10/2012			<0.001		<0.001
5/9/2013	<0.001	<0.001	<0.001		
5/10/2013				0.0081 (O)	<0.001
11/5/2013		<0.001			
11/6/2013	<0.001		<0.001	<0.001	<0.001
5/22/2014	<0.001	<0.001	<0.001	<0.001	<0.001
11/8/2014	<0.001				
11/9/2014			<0.001	<0.001	<0.001
11/13/2014		<0.001			
5/22/2015				<0.001	<0.001
5/23/2015	0.01 (O)				
5/24/2015		<0.001	0.0063 (O)		
11/10/2015	<0.001		<0.001	<0.001	
11/11/2015		<0.001			<0.001
4/11/2016	<0.001				
4/12/2016		0.00206 (J)	<0.001	<0.001 (D)	<0.001
10/4/2016		0.0023 (J)			
10/5/2016	<0.001		<0.001	<0.001	
10/6/2016					0.0021 (J)
4/5/2017	<0.001				
4/6/2017		<0.001	0.002 (J)	<0.001	<0.001
10/4/2017		0.0021 (J)			
10/5/2017	<0.001		<0.001	<0.001	
10/6/2017					<0.001
3/20/2018	<0.001	<0.001			
3/21/2018			<0.001	0.0022 (J)	<0.001
10/2/2018	<0.001	<0.001			
10/3/2018			<0.001	0.0018 (J)	<0.001
3/26/2019	<0.001	<0.001	<0.001	<0.001	0.0036
9/10/2019		0.0022		0.0016	0.00079 (J)
9/12/2019	0.0015		0.00097 (J)		
3/18/2020		0.0016		0.00091 (J)	
3/19/2020	0.00047 (J)		0.00098 (J)		0.00073 (J)
9/9/2020	0.00039 (J)	0.0016			
9/10/2020			0.00098 (J)	0.0014	0.0013
4/1/2021		0.0022			

Time Series

Constituent: Nickel (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
4/2/2021					0.0012
4/5/2021	0.00047 (J)		0.00048 (J)		
4/6/2021				0.0018	
8/11/2021	<0.001		0.00056 (J)		
8/12/2021		0.0028		0.0029	0.00076 (J)
2/15/2022		0.0018		0.0013	0.00076 (J)
2/16/2022	<0.001		0.00055 (J)		

Time Series

Constituent: Nickel (mg/L) Analysis Run 7/6/2022 8:04 AM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
5/10/2010			<0.001	<0.001	<0.001
5/11/2010	<0.001	0.0034			
6/16/2010					<0.001
6/18/2010	<0.001	0.0046	<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
9/9/2010	<0.001	<0.001	<0.001		
4/29/2011	<0.001				<0.001
4/30/2011		<0.001	<0.001	0.008 (O)	
10/27/2011				0.0044 (J)	<0.001
10/28/2011	<0.001				
10/29/2011		<0.001	<0.001		
5/3/2012					<0.001
5/4/2012	<0.001	<0.001	<0.001	0.0032 (J)	
11/10/2012	<0.001	0.0053	<0.001		
11/11/2012				0.0069	<0.001
5/9/2013	<0.001	<0.001	<0.001		<0.001
5/10/2013				0.0093 (O)	
11/6/2013	<0.001				<0.001
11/7/2013		<0.001	<0.001	0.0033 (J)	
5/21/2014		<0.001	<0.001	<0.001	<0.001
5/22/2014	<0.001				
11/9/2014	<0.001	<0.001			
11/12/2014			<0.001		<0.001
11/13/2014				0.0049 (J)	
5/23/2015				0.003 (J)	<0.001
5/24/2015	0.006 (O)	0.0047	0.0044		
11/11/2015	<0.001	<0.001	<0.001	<0.001	
11/12/2015					<0.001
4/12/2016		<0.001			
4/13/2016			<0.001 (D)		<0.001 (D)
4/19/2016	0.00268 (J)			0.00247 (J)	
10/6/2016	<0.001	<0.001	<0.001		<0.001
10/10/2016				<0.001	
4/6/2017	0.0018 (J)	<0.001			<0.001
4/7/2017			<0.001	0.0022 (J)	
10/5/2017	<0.001				<0.001
10/6/2017		<0.001	<0.001		
10/9/2017				<0.001	
3/21/2018		<0.001			<0.001
3/22/2018	0.0019 (J)		<0.001	<0.001	
10/2/2018					<0.001
10/3/2018	<0.001	<0.001			
10/4/2018			<0.001	<0.001	
3/26/2019		<0.001			
3/27/2019	<0.001		<0.001	<0.001	<0.001
9/11/2019	0.0007 (J)	0.00099 (J)	0.00046 (J)	0.0013	0.00063 (J)
3/18/2020	0.00068 (J)	0.00062 (J)		0.0044	<0.001
3/19/2020			<0.001		
9/9/2020	0.00039 (J)			0.0036	0.00046 (J)

Time Series

Constituent: Nickel (mg/L) Analysis Run 7/6/2022 8:04 AM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
9/10/2020		0.0009 (J)	0.0007 (J)		
4/1/2021	0.00042 (J)		0.00036 (J)		0.00058 (J)
4/5/2021		0.00088 (J)		0.0058	
8/11/2021		0.00074 (J)	<0.001		
8/12/2021	0.00061 (J)			0.0035	0.00045 (J)
2/15/2022	0.001	0.00089 (J)	<0.001	0.0055	<0.001

Time Series

Constituent: pH (S.U.) Analysis Run 7/6/2022 8:04 AM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
5/20/2014	5.27	6.18	5.68		
5/21/2014					6.3
5/23/2014				6.46	
11/8/2014		6.52	6.04		
11/12/2014	5.7				6.49
11/13/2014				6.67	
5/22/2015	5.52	6.3	5.87		
5/23/2015				6.53	6.3
11/9/2015			5.97		
11/11/2015	5.63	6.36		6.71	
11/12/2015					6.45
4/6/2016	5.5 (D)	6.46 (D)	5.937 (D)		
4/12/2016				6.53 (D)	
4/13/2016					6.42 (D)
6/15/2016	5.52	6.39	5.96		
6/16/2016				6.49	
6/21/2016					6.36
8/10/2016	5.5	6.39	5.94		
8/11/2016				6.5	
8/15/2016					6.3
10/4/2016	5.56	6.4		6.5	
10/5/2016			5.86		6.25
11/29/2016		6.36	5.82		
11/30/2016	5.46			6.48	
12/1/2016					6.32
2/7/2017	5.28 (O)	6.45	6.15	6.38	
2/8/2017					6.04
4/1/2017	5.48				
4/4/2017	5.48	6.37	6		
4/5/2017				6.36	
4/6/2017					6.35
6/20/2017	5.44	6.4	6.34	6.45	
6/21/2017					6.2
10/4/2017	5.44			6.5	
10/5/2017		6.42	5.93		6.21
3/20/2018	5.48	6.36	5.97	6.63	
3/21/2018					6.56
10/2/2018	5.49	6.38	6.03	6.57	6.35
3/26/2019	5.41	6.42	6.12	6.54	
3/27/2019					6.53
3/18/2020	5.42	6.29	6.03	6.53	6.34
9/9/2020	5.71	6.33	6.05	6.57	6.4
4/1/2021	5.31	6.44	6.14	6.52	6.35
8/11/2021	5.5	6.35	6.14		
10/18/2021				6.36	6.25
2/15/2022	5.4	6.46	6.2	6.83	6.48
5/12/2022				6.55 (R)	6.31 (R)

Time Series

Constituent: pH (S.U.) Analysis Run 7/6/2022 8:04 AM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
5/20/2014	6.14	4.86	5.6	5.38	
5/23/2014					6.19
11/8/2014					6.42
11/12/2014	6.33	5.3	6.02	5.77	
5/22/2015					6.26
5/23/2015		5.04			
5/24/2015	6.04		5.81	5.53	
11/10/2015					6.29
11/11/2015				5.68	
11/12/2015	6.31	5.31	5.93		
4/11/2016					6.3 (D)
4/13/2016	6.17 (D)	5.22 (D)	5.88 (D)	5.58 (D)	
6/16/2016					6.34
6/21/2016	6.19	5.2	5.9	5.59	
8/11/2016					6.28
8/15/2016	6.15	5.12	5.86	5.56	
10/4/2016			5.85	5.66	
10/5/2016	6.1	5.07			6.27
10/7/2016		5.07	5.85		
11/29/2016					6.39
12/1/2016	6.15	5.08	5.85	5.54	
2/7/2017				5.42 (O)	
2/8/2017	5.9 (O)	4.76 (O)			6.35
2/9/2017			5.92		
4/5/2017		5.1			
4/6/2017	6.13		5.85	5.55	6.26
6/20/2017	6.12	5.13		5.57	
6/21/2017					6.24
6/22/2017			5.9		
10/5/2017	6.11	5.1		5.55	6.31
10/6/2017			5.88		
3/20/2018				5.73	6.34
3/21/2018	6.21	5.33			
3/22/2018			5.88		
10/2/2018	6.21	5.16		5.68	6.38
10/3/2018			5.95		
3/26/2019		5.25	5.89	5.63	6.38
3/27/2019	6.22				
3/18/2020	6.17	5.19	5.81	5.61	6.32
9/9/2020				5.88	6.3
9/10/2020	6.16	5.1	5.83		
4/1/2021	6.11	5.18		5.53	6.37
4/6/2021			5.95		
8/11/2021	6.21	5.2	5.92	5.61	6.43
2/16/2022	6.16	5.11	5.79	5.6	6.54
5/12/2022					6.39 (R)

Time Series

Constituent: pH (S.U.) Analysis Run 7/6/2022 8:04 AM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
5/22/2014	6.37	6.74	6.33	5.82	6.17
11/8/2014	6.51				
11/9/2014			6.66	6.1	6.45
11/13/2014		6.94			
5/22/2015	6.35		6.49	5.92	6.26
5/24/2015		7			
11/10/2015	6.41		6.53		
11/11/2015		6.55			6.3
11/16/2015				6.02	
4/11/2016	6.36 (D)				
4/12/2016		6.52 (D)	6.53 (D)	5.97 (D)	6.44 (D)
6/16/2016	6.35	6.38	6.51		
6/20/2016				5.93	6.33
8/11/2016	6.37	6.38	6.49		
8/12/2016				5.86	
8/16/2016				5.86	6.3
10/4/2016		6.39			
10/5/2016	5.78 (O)		6.46	5.1 (O)	
10/6/2016					6.21
11/29/2016	6.44				
11/30/2016		6.38	6.5	5.88	6.26
2/7/2017		6.43			
2/8/2017	6.4		6.59	5.89	6.35
4/5/2017	6.35				
4/6/2017		6.23 (O)	6.47	5.84	6.29
6/20/2017		6.36			
6/21/2017	6.36		6.53	5.91	
6/22/2017					6.31
10/4/2017		6.35			
10/5/2017	6.41		6.51	5.93	
10/6/2017					5.9
3/20/2018	6.37	6.52			
3/21/2018			6.5	5.96	6.23
10/2/2018	6.41	6.51			
10/3/2018			6.48	5.97	6.25
3/26/2019	6.35	6.44	6.52	6.02	6.34
3/18/2020		6.41		5.9	
3/19/2020	6.27		6.47		6.32
9/9/2020	6.27	6.44			
9/10/2020			6.49	6.24	6.46
4/1/2021		7.32			
4/2/2021					6.35
4/5/2021	6.37		6.64		
4/6/2021				6.01	
6/1/2021	6.18		6.39		
8/11/2021	6.35		6.58		
8/12/2021		6.41		6.12	6.3
2/15/2022		6.61		5.87	6.37
2/16/2022	6.47		6.71		
5/12/2022			6.52 (R)		6.19 (R)

Time Series

Constituent: pH (S.U.) Analysis Run 7/6/2022 8:04 AM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
5/21/2014		6.09	6.25	7.11	6.31
5/22/2014	5.89				
11/9/2014	6.14	6.36			
11/12/2014					6.81
11/13/2014				6.55	
5/23/2015				6.36	6.42
5/24/2015	5.7	6.17	6.32		
11/11/2015	5.78	6.19	6.35	6.36	
11/12/2015					6.7
4/12/2016		6.22			
4/13/2016			6.42		6.59
4/19/2016	5.55			6.4	
6/20/2016		6.2	6.4		
6/22/2016	5.6				6.49
6/23/2016				6.35	
8/12/2016		6.17			
8/15/2016			6.31		6.61
8/16/2016	5.7				
8/23/2016				6.29	
10/6/2016	5.64	6.14	6.27		6.55
10/10/2016				6.3	
11/30/2016		6.14			
12/1/2016	5.62		6.28	6.37	6.59
2/8/2017					6.63
2/9/2017	5.64	6.18	6.32	6.39	
2/27/2017				6.24	
4/6/2017	5.66	6.17			6.58
4/7/2017			6.28	6.93	
6/21/2017	5.68	6.17		7.11 (D)	6.56
6/22/2017			6.29		
8/15/2017				6.95	
9/1/2017				6.86	
10/5/2017	5.64				6.58
10/6/2017		6.19	5.96		
10/9/2017				6.75	
3/21/2018		6.21			6.76
3/22/2018	5.9		6.34	7.05	
10/2/2018					6.65
10/3/2018	5.74	6.22			
10/4/2018			6.36	7.26	
3/26/2019		6.25			
3/27/2019	5.78		6.38	6.69	6.7
3/18/2020	5.81	6.19		6.42	6.61
3/19/2020			6.41		
9/9/2020	6.08			6.3	6.8
9/10/2020		6.43	6.32		
4/1/2021	6.01		6.4		6.28
4/5/2021		6.36		6.35	
6/1/2021				6.28	
6/2/2021		6.09			
8/11/2021		6.14	6.26		
8/12/2021	5.87			6.37	6.66

Time Series

Constituent: pH (S.U.) Analysis Run 7/6/2022 8:04 AM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
2/15/2022	6.16	6.1	6.22	6.34	6.61
5/12/2022	5.99 (R)				

Time Series

Constituent: Selenium, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
5/8/2010			<0.005		
5/9/2010	<0.005	<0.005			
5/10/2010					<0.005
5/11/2010				<0.005	
6/16/2010		<0.005	<0.005		<0.005
6/17/2010				<0.005	
6/18/2010	<0.005				
7/26/2010			<0.005		
7/27/2010		<0.005		<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			<0.005	
4/28/2011				<0.005	
4/29/2011		<0.005	<0.005		<0.005
4/30/2011	<0.005				
10/27/2011					<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	
5/4/2012					<0.005
11/9/2012	<0.005	<0.005	<0.005	<0.005	
11/11/2012					<0.005
5/8/2013	<0.005	<0.005	0.0044		
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		
5/21/2014					<0.005
5/23/2014				<0.005	
11/8/2014		<0.005	<0.005		
11/12/2014	<0.005				<0.005
11/13/2014				<0.005	
5/22/2015	<0.005	<0.005	<0.005		
5/23/2015				0.0053	0.0043
11/9/2015		0.0043	<0.005		
11/11/2015	<0.005			<0.005	
11/12/2015					0.0046
4/6/2016	<0.005	<0.005	<0.005		
4/12/2016				<0.005	
4/13/2016					<0.005 (D)
6/15/2016	<0.005	<0.005	<0.005		
6/16/2016				<0.005	
6/21/2016					<0.005
8/10/2016	<0.005	<0.005	<0.005		
8/11/2016				<0.005	
8/15/2016					<0.005
10/4/2016	<0.005	<0.005		0.00037 (J)	
10/5/2016			<0.005		<0.005
11/29/2016		0.00024 (J)	<0.005		
11/30/2016	<0.005			<0.005	

Time Series

Constituent: Selenium, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
12/1/2016					<0.005
2/7/2017	<0.005	<0.005	<0.005	<0.005	
2/8/2017					<0.005
4/4/2017	0.00067 (J)	0.0017	<0.005		
4/5/2017				<0.005	
4/6/2017					<0.005
6/20/2017	<0.005	<0.005	<0.005	<0.005	
6/21/2017					<0.005
10/4/2017	<0.005			<0.005	
10/5/2017		<0.005	0.00027 (J)		<0.005
3/20/2018	<0.005 (D)	<0.005	<0.005	<0.005 (X)	
3/21/2018					<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	
3/27/2019					<0.005
9/10/2019	<0.005	<0.005	<0.005	<0.005	
9/11/2019					<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		
8/17/2021					<0.005
8/18/2021				<0.005	
2/15/2022	<0.005	<0.005	<0.005	<0.005	<0.005

Time Series

Constituent: Selenium, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
5/9/2010		<0.005	<0.005	<0.005	
5/10/2010	<0.005				<0.005
6/16/2010	<0.005				<0.005
6/18/2010		<0.005	<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
9/8/2010	<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	
10/27/2011	<0.005				
10/28/2011		0.004	<0.005	<0.005	<0.005
5/2/2012					<0.005
5/3/2012		<0.005		<0.005	
5/4/2012	<0.005		<0.005		
11/9/2012					<0.005
11/10/2012	<0.005	<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	<0.005	<0.005	
5/23/2014					<0.005
11/8/2014					<0.005
11/12/2014	<0.005	<0.005	<0.005	<0.005	
5/22/2015					<0.005
5/23/2015		<0.005			
5/24/2015	0.005		<0.005	<0.005	
11/10/2015					0.0041
11/11/2015				0.0052	
11/12/2015	0.0042	<0.005	<0.005		
4/11/2016					<0.005
4/13/2016	<0.005 (D)	<0.005 (D)	<0.005 (D)	<0.005 (D)	
6/16/2016					<0.005
6/21/2016	<0.005	<0.005	<0.005	<0.005	
8/11/2016					<0.005
8/15/2016	<0.005	<0.005	<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
12/1/2016	<0.005	<0.005	<0.005	0.00025 (J)	
2/7/2017				<0.005	
2/8/2017	<0.005	<0.005			<0.005
2/9/2017			<0.005		
4/5/2017		<0.005			

Time Series

Constituent: Selenium, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
4/6/2017	0.00031 (J)		<0.005	<0.005	<0.005
6/20/2017	<0.005	<0.005		<0.005	
6/21/2017					<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
3/21/2018	<0.005	<0.005 (D)			
3/22/2018			<0.005		
10/2/2018	<0.005	<0.005		<0.005	<0.005
10/3/2018			<0.005		
3/26/2019		<0.005	<0.005	<0.005	<0.005
3/27/2019	<0.005				
9/11/2019		<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
9/10/2020	<0.005	<0.005	<0.005		
4/1/2021	<0.005	<0.005		<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

Time Series

Constituent: Selenium, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
5/11/2010	<0.005	<0.005	<0.005	<0.005	<0.005
6/16/2010	<0.005				
6/17/2010			<0.005	<0.005	<0.005
6/19/2010		<0.005			
7/27/2010	<0.005	<0.005	<0.005		
7/28/2010				<0.005	<0.005
9/7/2010	<0.005		<0.005	<0.005	
9/8/2010					<0.005
9/9/2010		<0.005			
4/28/2011		<0.005			<0.005
4/29/2011	<0.005		<0.005	<0.005	
10/28/2011	<0.005	<0.005	<0.005	<0.005	
10/29/2011					<0.005
5/2/2012	<0.005				
5/3/2012		<0.005	<0.005	<0.005	<0.005
11/9/2012	<0.005	<0.005		<0.005	
11/10/2012			<0.005		<0.005
5/9/2013	<0.005	<0.005	<0.005		
5/10/2013				<0.005	<0.005
11/5/2013		<0.005			
11/6/2013	<0.005		<0.005	<0.005	<0.005
5/22/2014	<0.005	<0.005	<0.005	<0.005	<0.005
11/8/2014	<0.005				
11/9/2014			<0.005	<0.005	<0.005
11/13/2014		<0.005			
5/22/2015				<0.005	<0.005
5/23/2015	<0.005				
5/24/2015		0.0044	<0.005		
11/10/2015	0.0044		<0.005	<0.005	
11/11/2015		0.0045			<0.005
4/11/2016	<0.005				
4/12/2016		<0.005	<0.005	<0.005 (D)	<0.005
6/16/2016	<0.005	<0.005	<0.005		
6/20/2016				<0.005	<0.005
8/11/2016	<0.005	<0.005	<0.005		
8/12/2016				0.00036 (J)	<0.005
10/4/2016		<0.005			
10/5/2016	<0.005		<0.005	<0.005	
10/6/2016					<0.005
11/29/2016	<0.005				
11/30/2016		<0.005	<0.005	<0.005	<0.005
2/7/2017		<0.005			
2/8/2017	<0.005		<0.005	<0.005	<0.005
4/5/2017	<0.005				
4/6/2017		0.0023	<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
10/4/2017		<0.005			
10/5/2017	<0.005		<0.005	<0.005	
10/6/2017					<0.005
3/20/2018	<0.005	<0.005 (X)			

Time Series

Constituent: Selenium, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
3/21/2018			<0.005	<0.005	<0.005 (X)
10/2/2018	<0.005	<0.005			
10/3/2018			<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
9/12/2019	<0.005		<0.005		
3/18/2020		<0.005		<0.005	
3/19/2020	<0.005		<0.005		<0.005
9/9/2020	<0.005	<0.005			
9/10/2020			<0.005	<0.005	<0.005
4/1/2021		<0.005			
4/2/2021					<0.005
4/5/2021	<0.005		<0.005		
4/6/2021				<0.005	
8/11/2021	<0.005		<0.005		
8/12/2021		<0.005		<0.005	<0.005
2/15/2022		<0.005		<0.005	0.0013 (J)
2/16/2022	<0.005		<0.005		

Time Series

Constituent: Selenium, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
5/10/2010			<0.005	<0.005	<0.005
5/11/2010	<0.005	<0.005			
6/16/2010					<0.005
6/18/2010	<0.005	<0.005	<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
9/9/2010	<0.005	<0.005	<0.005		
4/29/2011	<0.005				<0.005
4/30/2011		<0.005	<0.005	<0.005	
10/27/2011				<0.005	<0.005
10/28/2011	<0.005				
10/29/2011		<0.005	<0.005		
5/3/2012					<0.005
5/4/2012	<0.005	<0.005	<0.005	<0.005	
11/10/2012	<0.005	<0.005	<0.005		
11/11/2012				<0.005	<0.005
5/9/2013	<0.005	<0.005	<0.005		<0.005
5/10/2013				<0.005	
11/6/2013	<0.005				<0.005
11/7/2013		<0.005	<0.005	<0.005	
5/21/2014		<0.005	<0.005	<0.005	<0.005
5/22/2014	<0.005				
11/9/2014	<0.005	<0.005			
11/12/2014			<0.005		<0.005
11/13/2014				<0.005	
5/23/2015				0.0045	<0.005
5/24/2015	0.013 (J)	<0.005	0.0053		
11/11/2015	0.037	0.007	0.0049	0.0043	
11/12/2015					0.0065
4/12/2016		<0.005			
4/13/2016			<0.005 (D)		<0.005 (D)
4/19/2016	0.0587			<0.005	
6/20/2016		0.00032 (J)	<0.005		
6/22/2016	0.0435				<0.005
8/12/2016		0.00035 (J)			
8/15/2016			<0.005		<0.005
8/16/2016	0.029				
10/6/2016	0.027	0.00029 (J)	<0.005		<0.005
10/10/2016				<0.005	
11/30/2016		0.00026 (J)			
12/1/2016	0.029		<0.005	<0.005	<0.005
2/8/2017					<0.005
2/9/2017	0.031	<0.005	<0.005	<0.005	
4/6/2017	0.043	<0.005			<0.005
4/7/2017			<0.005	<0.005	
6/21/2017	0.052	0.00031 (J)		<0.005	<0.005
6/22/2017			<0.005		
8/15/2017				<0.005	
9/1/2017				0.00044 (J)	
10/5/2017	0.038				<0.005

Time Series

Constituent: Selenium, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
10/6/2017		<0.005	<0.005		
10/9/2017				<0.005	
3/21/2018		<0.005 (X)			<0.005 (X)
3/22/2018	0.038		<0.005	0.00032 (J)	
10/2/2018					<0.005
10/3/2018	0.021	0.00056 (J)			
10/4/2018			<0.005	<0.005	
3/26/2019		<0.005			
3/27/2019	0.023		<0.005	<0.005	<0.005
9/11/2019	0.0079	<0.005	<0.005	<0.005	<0.005
3/18/2020	0.014	<0.005		<0.005	<0.005
3/19/2020			<0.005		
9/9/2020	0.0054			<0.005	<0.005
9/10/2020		<0.005	<0.005		
4/1/2021	0.0065		<0.005		<0.005
4/5/2021		<0.005		<0.005	
8/11/2021		<0.005	<0.005		
8/12/2021	0.0088			<0.005	<0.005
2/15/2022	0.0058	<0.005	<0.005	<0.005	<0.005

Time Series

Constituent: Silver (mg/L) Analysis Run 7/6/2022 8:04 AM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
5/8/2010			<0.001		
5/9/2010	<0.001	<0.001			
5/10/2010					<0.001
5/11/2010				<0.001	
6/16/2010		<0.001	<0.001		<0.001
6/17/2010				<0.001	
6/18/2010	<0.001				
7/26/2010			<0.001		
7/27/2010		<0.001		<0.001	
7/28/2010	<0.001				<0.001
9/7/2010		<0.001	<0.001		
9/8/2010					<0.001
9/9/2010	<0.001			<0.001	
4/28/2011				<0.001	
4/29/2011		<0.001	<0.001		<0.001
4/30/2011	<0.001				
10/27/2011					<0.001
10/28/2011	<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	
5/4/2012					<0.001
11/9/2012	<0.001	<0.001	<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			<0.001	<0.001
11/6/2013		<0.001	<0.001		
5/20/2014	<0.001	<0.001	<0.001		
5/21/2014					<0.001
5/23/2014				<0.001	
11/8/2014		<0.001	<0.001		
11/12/2014	<0.001				<0.001
11/13/2014				<0.001	
5/22/2015	<0.001	<0.001	<0.001		
5/23/2015				<0.001	<0.001
11/9/2015		<0.001	<0.001		
11/11/2015	<0.001			<0.001	
11/12/2015					<0.001
4/6/2016	<0.001	<0.001	<0.001		
4/12/2016				<0.001	
4/13/2016					<0.001 (D)
10/4/2016	<0.001	<0.001		0.00012 (J)	
10/5/2016			<0.001		<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	
10/5/2017		<0.001	<0.001		<0.001
3/20/2018	<0.001 (D)	<0.001	<0.001	<0.001	
3/21/2018					<0.001
10/2/2018	<0.001	<0.001	<0.001	<0.001	<0.001

Time Series

Constituent: Silver (mg/L) Analysis Run 7/6/2022 8:04 AM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
3/26/2019	<0.001	<0.001	<0.001	<0.001	
3/27/2019					<0.001
9/10/2019	<0.001	<0.001	<0.001	<0.001	
9/11/2019					<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		
8/17/2021					<0.001
8/18/2021				<0.001	
2/15/2022	<0.001	<0.001	<0.001	<0.001	<0.001

Time Series

Constituent: Silver (mg/L) Analysis Run 7/6/2022 8:04 AM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
5/9/2010		<0.001	<0.001	<0.001	
5/10/2010	<0.001				<0.001
6/16/2010	<0.001				<0.001
6/18/2010		<0.001	<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
9/8/2010	<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	
10/27/2011	<0.001				
10/28/2011		<0.001	<0.001	<0.001	<0.001
5/2/2012					<0.001
5/3/2012		<0.001		<0.001	
5/4/2012	<0.001		<0.001		
11/9/2012					<0.001
11/10/2012	<0.001	<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	<0.001	<0.001	
5/23/2014					<0.001
11/8/2014					<0.001
11/12/2014	<0.001	<0.001	<0.001	<0.001	
5/22/2015					<0.001
5/23/2015		<0.001			
5/24/2015	<0.001		<0.001	<0.001	
11/10/2015					<0.001
11/11/2015				<0.001	
11/12/2015	<0.001	<0.001	<0.001		
4/11/2016					<0.001
4/13/2016	<0.001 (D)	<0.001 (D)	<0.001 (D)	<0.001 (D)	
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		
3/20/2018				<0.001	<0.001
3/21/2018	<0.001	<0.001 (D)			
3/22/2018			<0.001		
10/2/2018	<0.001	<0.001		<0.001	<0.001
10/3/2018			<0.001		
3/26/2019		<0.001	<0.001	<0.001	<0.001

Time Series

Constituent: Silver (mg/L) Analysis Run 7/6/2022 8:04 AM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
3/27/2019	<0.001				
9/11/2019	<0.001 (D)	<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
9/10/2020	<0.001	<0.001	<0.001		
4/1/2021	<0.001	<0.001		<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

Time Series

Constituent: Silver (mg/L) Analysis Run 7/6/2022 8:04 AM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
5/11/2010	<0.001	<0.001	<0.001	<0.001	<0.001
6/16/2010	<0.001				
6/17/2010			<0.001	<0.001	<0.001
6/19/2010		<0.001			
7/27/2010	<0.001	<0.001	<0.001		
7/28/2010				<0.001	<0.001
9/7/2010	<0.001		<0.001	<0.001	
9/8/2010					<0.001
9/9/2010		<0.001			
4/28/2011		<0.001			<0.001
4/29/2011	<0.001		<0.001	<0.001	
10/28/2011	<0.001	<0.001	<0.001	<0.001	
10/29/2011					<0.001
5/2/2012	<0.001				
5/3/2012		<0.001	<0.001	<0.001	<0.001
11/9/2012	<0.001	<0.001		<0.001	
11/10/2012			<0.001		<0.001
5/9/2013	<0.001	<0.001	<0.001		
5/10/2013				<0.001	<0.001
11/5/2013		<0.001			
11/6/2013	<0.001		<0.001	<0.001	<0.001
5/22/2014	<0.001	<0.001	<0.001	<0.001	<0.001
11/8/2014	<0.001				
11/9/2014			<0.001	<0.001	<0.001
11/13/2014		<0.001			
5/22/2015				<0.001	<0.001
5/23/2015	<0.001				
5/24/2015		<0.001	<0.001		
11/10/2015	<0.001	<0.001	<0.001	<0.001	
11/11/2015		<0.001			<0.001
4/11/2016	<0.001				
4/12/2016		<0.001	<0.001	<0.001 (D)	<0.001
10/4/2016		<0.001			
10/5/2016	<0.001		<0.001	<0.001	
10/6/2016					<0.001
4/5/2017	<0.001				
4/6/2017		<0.001	<0.001	<0.001	<0.001
10/4/2017		<0.001			
10/5/2017	<0.001		<0.001	<0.001	
10/6/2017					<0.001
3/20/2018	<0.001	<0.001			
3/21/2018			<0.001	<0.001	<0.001
10/2/2018	<0.001	<0.001			
10/3/2018			<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
9/12/2019	<0.001		<0.001		
3/18/2020		<0.001		<0.001	
3/19/2020	<0.001		<0.001		<0.001
9/9/2020	<0.001	<0.001			
9/10/2020			<0.001	<0.001	<0.001
4/1/2021		<0.001			

Time Series

Constituent: Silver (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
4/2/2021					<0.001
4/5/2021	<0.001		<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
2/16/2022	<0.001		<0.001		

Time Series

Constituent: Silver (mg/L) Analysis Run 7/6/2022 8:04 AM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
5/10/2010			<0.001	<0.001	<0.001
5/11/2010	<0.001	<0.001			
6/16/2010					<0.001
6/18/2010	<0.001	<0.001	<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
9/9/2010	<0.001	<0.001	<0.001		
4/29/2011	<0.001				<0.001
4/30/2011		<0.001	<0.001	<0.001	
10/27/2011				<0.001	<0.001
10/28/2011	<0.001				
10/29/2011		<0.001	<0.001		
5/3/2012					<0.001
5/4/2012	<0.001	<0.001	<0.001	<0.001	
11/10/2012	<0.001	<0.001	<0.001		
11/11/2012				<0.001	<0.001
5/9/2013	<0.001	<0.001	<0.001		<0.001
5/10/2013				<0.001	
11/6/2013	<0.001				<0.001
11/7/2013		<0.001	<0.001	<0.001	
5/21/2014		<0.001	<0.001	<0.001	<0.001
5/22/2014	<0.001				
11/9/2014	<0.001	<0.001			
11/12/2014			<0.001		<0.001
11/13/2014				<0.001	
5/23/2015				<0.001	<0.001
5/24/2015	<0.001	<0.001	<0.001		
11/11/2015	<0.001	<0.001	<0.001	<0.001	
11/12/2015					<0.001
4/12/2016		<0.001			
4/13/2016			<0.001 (D)		<0.001 (D)
4/19/2016	<0.001			<0.001	
10/6/2016	<0.001	0.00012 (J)	<0.001		<0.001
10/10/2016				<0.001	
4/6/2017	<0.001	<0.001			<0.001
4/7/2017			<0.001	<0.001	
10/5/2017	<0.001				<0.001
10/6/2017		<0.001	<0.001		
10/9/2017				<0.001	
3/21/2018		<0.001			<0.001
3/22/2018	<0.001		<0.001	<0.001	
10/2/2018					<0.001
10/3/2018	<0.001	<0.001			
10/4/2018			<0.001	<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
3/19/2020			<0.001		
9/9/2020	<0.001			<0.001	<0.001

Time Series

Constituent: Silver (mg/L) Analysis Run 7/6/2022 8:04 AM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
9/10/2020		<0.001	<0.001		
4/1/2021	<0.001		<0.001		<0.001
4/5/2021		<0.001		<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

Time Series

Constituent: Sulfate (mg/L) Analysis Run 7/6/2022 8:04 AM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
4/6/2016	0.799 (J)	<1	<1		
4/12/2016				0.617 (J)	
4/13/2016					0.51 (JD)
6/15/2016	<1	<1	<1		
6/16/2016				<1	
6/21/2016					0.58 (J)
8/10/2016	<1	<1	<1		
8/11/2016				<1	
8/15/2016					<1
10/4/2016	<1	<1		<1	
10/5/2016			<1		<1
11/29/2016		<1	<1		
11/30/2016	<1			<1	
12/1/2016					<1
2/7/2017	0.8 (J)	<1	<1	0.92 (J)	
2/8/2017					1
4/4/2017	<1	<1	<1		
4/5/2017				1	
4/6/2017					0.81 (J)
6/20/2017	<1	<1	<1	0.76 (J)	
6/21/2017					1.1
10/4/2017	<1			<1	
10/5/2017		<1	<1		1.1
3/20/2018	1.2	<1	<1	0.95 (J)	
3/21/2018					1.1
10/2/2018	<1	<1	<1	<1	1.2
3/26/2019	2.1	<1	0.58 (J)	0.53 (J)	
3/27/2019					1.6
9/10/2019	0.65 (J)	<1	0.44 (J)	0.69 (J)	
9/11/2019					1.8
3/18/2020	3.1	0.67 (J)	0.51 (J)	0.84 (J)	2.4
9/9/2020	1.6	<1	<1	0.77 (J)	2.6
4/1/2021	2.7	<1	<1	<1	2.7
8/11/2021	1.3	<1	<1		
8/17/2021					1.2
8/18/2021				0.79 (J)	
2/15/2022	2.6	<1	<1	1.5	3.5
5/12/2022					2.7 (R)

Time Series

Constituent: Sulfate (mg/L) Analysis Run 7/6/2022 8:04 AM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
4/11/2016					<1
4/13/2016	<1 (D)	<1 (D)	0.646 (JD)	<1 (D)	
6/16/2016					<1
6/21/2016	0.16 (J)	0.2 (J)	0.57 (J)	0.16 (J)	
8/11/2016					<1
8/15/2016	<1	<1	<1	<1	
10/4/2016				<1	
10/5/2016	<1	<1			<1
10/7/2016			<1		
11/29/2016					<1
12/1/2016	<1	<1	<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	<1		<1	
6/21/2017					<1
6/22/2017			<1		
10/5/2017	<1	<1		<1	<1
10/6/2017			<1		
3/20/2018				<1	<1
3/21/2018	<1	<1 (D)			
3/22/2018			<1		
10/2/2018	<1	<1		<1	<1
10/3/2018			<1		
3/26/2019		0.49 (J)	1.3	0.64 (J)	0.39 (J)
3/27/2019	<1				
9/11/2019	0.63 (J)	0.5 (J)	0.81 (J)	0.5 (J)	0.61 (J)
3/18/2020	<1	1.3	25 (o)	<1	0.62 (J)
9/9/2020				<1	<1
9/10/2020	<1	<1	1.3		
4/1/2021	<1	<1		<1	<1
4/6/2021			0.9 (J)		
8/11/2021	<1	<1	0.89 (J)	<1	<1
2/16/2022	<1	<1	<1	<1	<1

Time Series

Constituent: Sulfate (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
4/11/2016	<1				
4/12/2016		0.56 (J)	<1	0.419 (JD)	3.56
6/16/2016	<1	<1	<1		
6/20/2016				0.6 (J)	2.4
8/11/2016	<1	<1	<1		
8/16/2016				<1	1.7
10/4/2016		<1			
10/5/2016	<1		<1	<1	
10/6/2016					1.2
11/29/2016	<1				
11/30/2016		<1	<1	1.1	1.2
2/7/2017		<1			
2/8/2017	<1		<1	<1	4.6
4/5/2017	<1				
4/6/2017		<1	<1	<1	4.1
6/20/2017		<1			
6/21/2017	<1		<1	<1	
6/22/2017					3.4
10/4/2017		<1			
10/5/2017	<1		<1	<1	
10/6/2017					3
3/20/2018	<1	<1			
3/21/2018			<1	<1	4.9
10/2/2018	<1	<1			
10/3/2018			<1	<1	2.9
3/26/2019	<1	0.99 (J)	0.45 (J)	0.47 (J)	3.2
9/10/2019		0.63 (J)		0.7 (J)	1.7
9/12/2019	<1		<1		
3/18/2020		0.59 (J)		0.6 (J)	
3/19/2020	0.64 (J)		0.71 (J)		4.6
9/9/2020	1.2	0.59 (J)			
9/10/2020			<1	<1	1.6
4/1/2021		1.1			
4/2/2021					4.6
4/6/2021				<1	
6/1/2021	1.9		1.4		
8/11/2021	<1		<1		
8/12/2021		<1		<1	3.5
2/15/2022		0.79 (J)		0.91 (J)	20
2/16/2022	<1		<1		
5/12/2022					33 (R)

Time Series

Constituent: Sulfate (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
4/12/2016		7.55			
4/13/2016			<1 (D)		8.66 (D)
4/19/2016	575 (o)			32.7	
6/20/2016		14	0.36 (J)		
6/22/2016	470				6.3
8/15/2016			<1		8
8/16/2016	360	12			
10/6/2016	300	13	<1		10
10/10/2016				33	
11/30/2016		14			
12/1/2016	340		<1	31	15
2/8/2017					13
2/9/2017	350	9.5	<1	34	
4/6/2017	380	9.7			14
4/7/2017			<1	37	
6/21/2017	490	13		35	11
6/22/2017			<1		
8/15/2017				42	
9/1/2017				40	
10/5/2017	380				10
10/6/2017		7.3	<1		
3/21/2018		9.5			12
3/22/2018	400		<1	39	
10/2/2018					8.2
10/3/2018	270	10			
10/4/2018			<1	30	
3/26/2019		6.3			
3/27/2019	260		0.51 (J)	18	6.8
9/11/2019	130	12	0.52 (J)	32	9.6
3/18/2020	170	5.6		16	6.9
3/19/2020			0.54 (J)		
9/9/2020	110			11	8.4
9/10/2020		9.4	<1		
4/1/2021	100		<1		9.7
6/1/2021				17	
6/2/2021		13			
8/11/2021		11	<1		
8/12/2021	140			27	9.7
2/15/2022	100	13	<1	11	7.2

Time Series

Constituent: Thallium, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
5/8/2010			<0.001		
5/9/2010	<0.001	<0.001			
5/10/2010					<0.001
5/11/2010				<0.001	
6/16/2010		<0.001	<0.001		<0.001
6/17/2010				<0.001	
6/18/2010	<0.001				
7/26/2010			<0.001		
7/27/2010		<0.001		<0.001	
7/28/2010	<0.001				<0.001
9/7/2010		<0.001	<0.001		
9/8/2010					<0.001
9/9/2010	<0.001			<0.001	
4/28/2011				<0.001	
4/29/2011		<0.001	<0.001		<0.001
4/30/2011	<0.001				
10/27/2011					<0.001
10/28/2011	<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	
5/4/2012					<0.001
11/9/2012	<0.001	<0.001	<0.001	<0.001	
11/11/2012					<0.001
5/8/2013	<0.001	0.0003	<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		
5/21/2014					<0.001
5/23/2014				<0.001	
11/8/2014		<0.001	<0.001		
11/12/2014	<0.001				<0.001
11/13/2014				<0.001	
5/22/2015	<0.001	<0.001	<0.001		
5/23/2015				<0.001	<0.001
11/9/2015		<0.001	<0.001		
11/11/2015	<0.001			<0.001	
11/12/2015					<0.001
4/6/2016	<0.001	<0.001	<0.001		
4/12/2016				<0.001	
4/13/2016					<0.001 (D)
6/15/2016	<0.001	<0.001	<0.001		
6/16/2016				<0.001	
6/21/2016					<0.001
8/10/2016	<0.001	<0.001	<0.001		
8/11/2016				<0.001	
8/15/2016					<0.001
10/4/2016	<0.001	<0.001		<0.001	
10/5/2016			<0.001		<0.001
11/29/2016		<0.001	<0.001		
11/30/2016	<0.001			<0.001	

Time Series

Constituent: Thallium, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
12/1/2016					<0.001
2/7/2017	<0.001	<0.001	<0.001	<0.001	
2/8/2017					<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	
6/21/2017					<0.001
10/4/2017	<0.001			<0.001	
10/5/2017		<0.001	<0.001		<0.001
3/20/2018	<0.001 (D)	<0.001	<0.001	<0.001	
3/21/2018					<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	
3/27/2019					<0.001
9/10/2019	<0.001	0.00021 (J)	0.00023 (J)	<0.001	
9/11/2019					<0.001
3/18/2020	<0.001	<0.001	<0.001	0.00049 (J)	<0.001
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		
8/17/2021					<0.001
8/18/2021				<0.001	
2/15/2022	<0.001	<0.001	<0.001	<0.001	<0.001

Time Series

Constituent: Thallium, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
5/9/2010		<0.001	<0.001	<0.001	
5/10/2010	<0.001				<0.001
6/16/2010	<0.001				<0.001
6/18/2010		<0.001	<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
9/8/2010	<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	
10/27/2011	<0.001				
10/28/2011		<0.001	<0.001	<0.001	<0.001
5/2/2012					<0.001
5/3/2012		<0.001		<0.001	
5/4/2012	<0.001		<0.001		
11/9/2012					<0.001
11/10/2012	<0.001	<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	<0.001	<0.001	
5/23/2014					<0.001
11/8/2014					<0.001
11/12/2014	<0.001	<0.001	<0.001	<0.001	
5/22/2015					<0.001
5/23/2015		<0.001			
5/24/2015	<0.001		<0.001	<0.001	
11/10/2015					<0.001
11/11/2015				<0.001	
11/12/2015	<0.001	<0.001	<0.001		
4/11/2016					<0.001
4/13/2016	<0.001 (D)	<0.001 (D)	<0.001 (D)	<0.001 (D)	
6/16/2016					<0.001
6/21/2016	<0.001	<0.001	<0.001	<0.001	
8/11/2016					<0.001
8/15/2016	<0.001	<0.001	<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
12/1/2016	<0.001	<0.001	<0.001	<0.001	
2/7/2017				<0.001	
2/8/2017	<0.001	<0.001			<0.001
2/9/2017			<0.001		
4/5/2017		<0.001			

Time Series

Constituent: Thallium, Total (mg/L) Analysis Run 7/6/2022 8:04 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
4/6/2017	<0.001		<0.001	<0.001	<0.001
6/20/2017	<0.001	<0.001		<0.001	
6/21/2017					<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
3/21/2018	<0.001	<0.001 (D)			
3/22/2018			<0.001		
10/2/2018	<0.001	<0.001		<0.001	<0.001
10/3/2018			<0.001		
3/26/2019		<0.001	<0.001	<0.001	<0.001
3/27/2019	<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
9/10/2020	<0.001	<0.001	<0.001		
4/1/2021	<0.001	<0.001		<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

Time Series

Constituent: Thallium, Total (mg/L) Analysis Run 7/6/2022 8:05 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
5/11/2010	<0.001	<0.001	<0.001	<0.001	<0.001
6/16/2010	<0.001				
6/17/2010			<0.001	<0.001	<0.001
6/19/2010		<0.001			
7/27/2010	<0.001	<0.001	<0.001		
7/28/2010				<0.001	<0.001
9/7/2010	<0.001		<0.001	<0.001	
9/8/2010					<0.001
9/9/2010		<0.001			
4/28/2011		<0.001			<0.001
4/29/2011	<0.001		<0.001	<0.001	
10/28/2011	<0.001	<0.001	<0.001	<0.001	
10/29/2011					<0.001
5/2/2012	<0.001				
5/3/2012		<0.001	<0.001	<0.001	<0.001
11/9/2012	<0.001	<0.001		<0.001	
11/10/2012			<0.001		<0.001
5/9/2013	<0.001	<0.001	<0.001		
5/10/2013				<0.001	<0.001
11/5/2013		<0.001			
11/6/2013	<0.001		<0.001	<0.001	<0.001
5/22/2014	<0.001	<0.001	<0.001	<0.001	<0.001
11/8/2014	<0.001				
11/9/2014			<0.001	<0.001	<0.001
11/13/2014		<0.001			
5/22/2015				<0.001	<0.001
5/23/2015	<0.001				
5/24/2015		<0.001	<0.001		
11/10/2015	<0.001		<0.001	<0.001	
11/11/2015		<0.001			<0.001
4/11/2016	<0.001				
4/12/2016		<0.001	<0.001	<0.001 (D)	<0.001
6/16/2016	<0.001	<0.001	<0.001		
6/20/2016				<0.001	<0.001
8/11/2016	<0.001	<0.001	<0.001		
8/12/2016				<0.001	<0.001
10/4/2016		<0.001			
10/5/2016	<0.001		<0.001	<0.001	
10/6/2016					<0.001
11/29/2016	<0.001				
11/30/2016		<0.001	<0.001	<0.001	<0.001
2/7/2017		<0.001			
2/8/2017	<0.001		<0.001	<0.001	<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
10/4/2017		<0.001			
10/5/2017	<0.001		<0.001	<0.001	
10/6/2017					<0.001
3/20/2018	<0.001	<0.001			

Time Series

Constituent: Thallium, Total (mg/L) Analysis Run 7/6/2022 8:05 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
3/21/2018			<0.001	<0.001	<0.001
10/2/2018	<0.001	<0.001			
10/3/2018			<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
9/12/2019	<0.001		<0.001		
3/18/2020		0.00025 (J)		<0.001	
3/19/2020	<0.001		<0.001		0.00036 (J)
9/9/2020	<0.001	<0.001			
9/10/2020			<0.001	<0.001	<0.001
4/1/2021		<0.001			
4/2/2021					<0.001
4/5/2021	0.00032 (J)		<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
2/16/2022	<0.001		<0.001		

Time Series

Constituent: Thallium, Total (mg/L) Analysis Run 7/6/2022 8:05 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
5/10/2010			<0.001	<0.001	<0.001
5/11/2010	<0.001	<0.001			
6/16/2010					<0.001
6/18/2010	<0.001	<0.001	<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
9/9/2010	<0.001	<0.001	<0.001		
4/29/2011	<0.001				<0.001
4/30/2011		<0.001	<0.001	<0.001	
10/27/2011				<0.001	<0.001
10/28/2011	<0.001				
10/29/2011		<0.001	0.00027		
5/3/2012					<0.001
5/4/2012	<0.001	<0.001	<0.001	<0.001	
11/10/2012	<0.001	<0.001	<0.001		
11/11/2012				<0.001	<0.001
5/9/2013	<0.001	<0.001	<0.001		<0.001
5/10/2013				<0.001	
11/6/2013	<0.001				<0.001
11/7/2013		<0.001	0.00026	<0.001	
5/21/2014		<0.001	<0.001	<0.001	<0.001
5/22/2014	<0.001				
11/9/2014	<0.001	<0.001			
11/12/2014			<0.001		<0.001
11/13/2014				<0.001	
5/23/2015				<0.001	<0.001
5/24/2015	<0.001	<0.001	<0.001		
11/11/2015	<0.001	<0.001	<0.001	<0.001	
11/12/2015					<0.001
4/12/2016		<0.001			
4/13/2016			<0.001 (D)		<0.001 (D)
4/19/2016	<0.001			<0.001	
6/20/2016		<0.001	<0.001		
6/22/2016	<0.001				<0.001
8/12/2016		<0.001			
8/15/2016			<0.001		<0.001
8/16/2016	<0.001				
10/6/2016	<0.001	<0.001	<0.001		<0.001
10/10/2016				<0.001	
11/30/2016		<0.001			
12/1/2016	<0.001		<0.001	<0.001	<0.001
2/8/2017					<0.001
2/9/2017	<0.001	<0.001	<0.001	<0.001	
4/6/2017	<0.001	<0.001			<0.001
4/7/2017			<0.001	<0.001	
6/21/2017	<0.001	<0.001		<0.001	<0.001
6/22/2017			<0.001		
8/15/2017				<0.001	
9/1/2017				<0.001	
10/5/2017	<0.001				<0.001

Time Series

Constituent: Thallium, Total (mg/L) Analysis Run 7/6/2022 8:05 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
10/6/2017		<0.001	<0.001		
10/9/2017				<0.001	
3/21/2018		<0.001			<0.001
3/22/2018	<0.001		<0.001	<0.001	
10/2/2018					<0.001
10/3/2018	<0.001	<0.001			
10/4/2018			<0.001	<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
3/19/2020			<0.001		
9/9/2020	<0.001			<0.001	<0.001
9/10/2020		<0.001	0.00019 (J)		
4/1/2021	<0.001		<0.001		<0.001
4/5/2021		0.0003 (J)		0.00081 (J)	
8/11/2021		0.0002 (J)	0.00043 (J)		
8/12/2021	0.00037 (J)			0.00043 (J)	0.00016 (J)
2/15/2022	<0.001	<0.001	<0.001	<0.001	<0.001

Time Series

Constituent: Total Dissolved Solids (mg/L) Analysis Run 7/6/2022 8:05 AM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
4/6/2016	38	84	61		
4/12/2016				147	
4/13/2016					103 (D)
6/15/2016	<10	139	113		
6/16/2016				150	
6/21/2016					214 (O)
8/10/2016	56	80	74		
8/11/2016				110	
8/15/2016					130
10/4/2016	48	62		140	
10/5/2016			44		84
11/29/2016		110	58		
11/30/2016	46			130	
12/1/2016					130
2/7/2017	18	70	4 (J)	130	
2/8/2017					130
4/4/2017	32	120	78		
4/5/2017				130	
4/6/2017					130
6/20/2017	38	76	50	120	
6/21/2017					120
10/4/2017	42			130	
10/5/2017		110	64		140
3/20/2018	20 (JX)	110	90	110	
3/21/2018					120
10/2/2018	48	110	90	140	150
3/26/2019	45	100	82	150	
3/27/2019					140
9/10/2019	42	75	51	130	
9/11/2019					110
3/18/2020	43	93	75	130	140
9/9/2020	<10	66	64	120	160
4/1/2021	55	100	68	120	140
8/11/2021	55	100	94		
8/17/2021					160
8/18/2021				150	
2/15/2022	42	99	79	120	150

Time Series

Constituent: Total Dissolved Solids (mg/L) Analysis Run 7/6/2022 8:05 AM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
4/11/2016					89
4/13/2016	99 (D)	<10 (D)	60 (D)	56 (D)	
6/16/2016					88
6/21/2016	293	110	195 (O)	68	
8/11/2016					52
8/15/2016	90	<10	42	46	
10/4/2016				60	
10/5/2016	70	<10			76
10/7/2016			24		
11/29/2016					72
12/1/2016	120	16	68	70	
2/7/2017				40	
2/8/2017	86	12			74
2/9/2017			56		
4/5/2017		18			
4/6/2017	130		68	74	84
6/20/2017	86	<10		34	
6/21/2017					88
6/22/2017			56		
10/5/2017	94	28		98	110
10/6/2017			90		
3/20/2018				42	92
3/21/2018	100	28 (JX)			
3/22/2018			76		
10/2/2018	120	38		40	100
10/3/2018			22		
3/26/2019		29	59	60	94
3/27/2019	100				
9/11/2019	94	14	33	26	77
3/18/2020	100	26	100	57	92
9/9/2020				54	77
9/10/2020	95	13	60		
4/1/2021	90	17		43	62
4/6/2021			55		
8/11/2021	120	18	75	71	98
2/16/2022	79	16	55	46	70

Time Series

Constituent: Total Dissolved Solids (mg/L) Analysis Run 7/6/2022 8:05 AM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
4/11/2016	99				
4/12/2016		93	104	92 (D)	80
6/16/2016	102	130	111		
6/20/2016				78	111
8/11/2016	38	92	70		
8/16/2016				76	100
10/4/2016		120			
10/5/2016	26		92	64	
10/6/2016					110
11/29/2016	82				
11/30/2016		130	92	82	110
2/7/2017		36			
2/8/2017	78		98	92	120
4/5/2017	100				
4/6/2017		150	92	88	130
6/20/2017		92			
6/21/2017	100		100	88	
6/22/2017					110
10/4/2017		120			
10/5/2017	100		130	86	
10/6/2017					120
3/20/2018	100	120			
3/21/2018			100	98	160
10/2/2018	130	140			
10/3/2018			130	60	120
3/26/2019	100	130	110	86	130
9/10/2019		140		66	93
9/12/2019	70		84		
3/18/2020		140		72	
3/19/2020	110		120		130
9/9/2020	120	110			
9/10/2020			110	59	130
4/1/2021		120			
4/2/2021					150
4/6/2021				81	
6/1/2021	130		120		
8/11/2021	120		110		
8/12/2021		130		89	130
2/15/2022		120		53	140
2/16/2022	110		110		

Time Series

Constituent: Total Dissolved Solids (mg/L) Analysis Run 7/6/2022 8:05 AM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
4/12/2016		138			
4/13/2016			130 (D)		135 (D)
4/19/2016	1290			179	
6/20/2016		154	116		
6/22/2016	1060				199
8/15/2016			92		120
8/16/2016	880	140			
10/6/2016	820	150	110		140
10/10/2016				110 (O)	
11/30/2016		160			
12/1/2016	900		140	170	160
2/8/2017					130
2/9/2017	940	160	120	180	
4/6/2017	1100	140			140
4/7/2017			120	200	
6/21/2017	1200	150		190	150
6/22/2017			100		
8/15/2017				190	
9/1/2017				160	
10/5/2017	950				170
10/6/2017		160	140		
3/21/2018		170			160
3/22/2018	1000		130	220	
10/2/2018					34
10/3/2018	620	120			
10/4/2018			110		
10/17/2018				170	
3/26/2019		130			
3/27/2019	580		120	300	140
9/11/2019	310	120	100	210	130
3/18/2020	430	140		300	130
3/19/2020			98		
9/9/2020	270			360	150
9/10/2020		140	120		
4/1/2021	260		110		120
6/1/2021				340	
6/2/2021		140			
8/11/2021		160	130		
8/12/2021	370			240	150
2/15/2022	290	140	140	330	140

Time Series

Constituent: Vanadium (mg/L) Analysis Run 7/6/2022 8:05 AM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
5/8/2010			0.0024 (J)		
5/9/2010	<0.001	0.0049 (J)			
5/10/2010					0.011
5/11/2010				0.012	
6/16/2010		0.0054 (J)	0.002 (J)		0.01
6/17/2010				0.0082 (J)	
6/18/2010	<0.001				
7/26/2010			<0.001		
7/27/2010		0.0055 (J)		0.0096 (J)	
7/28/2010	<0.001				0.011
9/7/2010		0.005 (J)	0.0026 (J)		
9/8/2010					0.011
9/9/2010	<0.001			0.0098 (J)	
4/28/2011				0.0085 (J)	
4/29/2011		0.005 (J)	0.0036 (J)		0.01
4/30/2011	<0.001				
10/27/2011					0.014
10/28/2011	<0.001	0.0081 (J)	<0.001		
10/29/2011				0.011	
5/2/2012	<0.001	0.0059 (J)	0.003 (J)		
5/3/2012				0.013	
5/4/2012					0.0096 (J)
11/9/2012	<0.001	0.0062 (J)	0.0081 (J)	0.013	
11/11/2012					0.011
5/8/2013	<0.001	0.0079 (J)	<0.001		
5/9/2013				0.012	0.011
11/5/2013	<0.001			0.015	0.013
11/6/2013		0.0068 (J)	0.0032 (J)		
5/20/2014	<0.001	0.0074 (J)	0.0036 (J)		
5/21/2014					0.012
5/23/2014				0.015	
11/8/2014		0.0097 (J)	0.0065 (J)		
11/12/2014	0.0035 (J)				0.016
11/13/2014				0.02	
5/22/2015	<0.001	0.0085 (J)	<0.001		
5/23/2015				0.018	0.011
11/9/2015		<0.001	0.0047 (J)		
11/11/2015	<0.001			0.018	
11/12/2015					0.0053 (J)
4/6/2016	<0.001	0.00726 (J)	0.00424 (J)		
4/12/2016				0.0173	
4/13/2016					0.0124 (D)
10/4/2016	0.0031	0.013		0.021	
10/5/2016			0.0049		0.013
4/4/2017	<0.001	0.0046	0.0048		
4/5/2017				0.017	
4/6/2017					0.013
10/4/2017	0.0021 (J)			0.02	
10/5/2017		0.0071	0.0024 (J)		0.015
3/20/2018	<0.001 (D)	0.0067	0.0041	0.016	
3/21/2018					0.012
10/2/2018	<0.001	0.0069	0.004	0.017	0.012

Time Series

Constituent: Vanadium (mg/L) Analysis Run 7/6/2022 8:05 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
3/26/2019	<0.001	0.007	0.0051	0.017	
3/27/2019					0.012
9/10/2019	0.0022	0.01	0.0091	0.02	
9/11/2019					0.017
3/18/2020	0.0011	0.0078	0.0051	0.02	0.013
9/9/2020	<0.001	0.0072	0.0053	0.018	0.012
4/1/2021	<0.001	0.0078	0.005	0.019	0.013
8/11/2021	<0.001	0.0082	0.0055		
8/18/2021				0.018	
10/18/2021					0.013
2/15/2022	<0.001	0.0077	0.0052	0.018	0.012

Time Series

Constituent: Vanadium (mg/L) Analysis Run 7/6/2022 8:05 AM

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
5/9/2010		<0.001	<0.001	<0.001	
5/10/2010	0.009 (J)				0.0052 (J)
6/16/2010	0.0089 (J)				0.0059 (J)
6/18/2010		<0.001	<0.001	<0.001	
7/26/2010					0.0052 (J)
7/27/2010	0.0089 (J)	<0.001			
7/28/2010				<0.001	
7/29/2010			<0.001		
9/7/2010					0.0056 (J)
9/8/2010	0.009 (J)	<0.001			
9/9/2010			<0.001	<0.001	
4/26/2011			<0.001		
4/29/2011	0.0082 (J)	<0.001			0.005 (J)
4/30/2011				<0.001	
10/27/2011	0.009 (J)				
10/28/2011		<0.001	<0.001	<0.001	0.0048 (J)
5/2/2012					0.0057 (J)
5/3/2012		<0.001		<0.001	
5/4/2012	0.0091 (J)		<0.001		
11/9/2012					0.0057 (J)
11/10/2012	0.0096 (J)	<0.001		<0.001	
11/11/2012			<0.001		
5/8/2013			0.0039 (J)	<0.001	0.0069 (J)
5/9/2013	0.01	<0.001			
11/5/2013				<0.001	
11/6/2013	0.01	<0.001			0.0052 (J)
11/7/2013			<0.001		
5/20/2014	0.011	<0.001	<0.001	<0.001	
5/23/2014					0.0081 (J)
11/8/2014					0.01
11/12/2014	0.012	0.0032 (J)	0.004 (J)	<0.001	
5/22/2015					0.0052 (J)
5/23/2015		<0.001			
5/24/2015	0.012		<0.001	<0.001	
11/10/2015					<0.001
11/11/2015				<0.001	
11/12/2015	<0.001	<0.001	<0.001		
4/11/2016					0.00604 (J)
4/13/2016	0.00976 (JD)	<0.001 (D)	<0.001 (D)	<0.001 (D)	
10/4/2016				0.0026	
10/5/2016	0.013	<0.001			0.0075
10/7/2016			<0.001		
4/5/2017		<0.001			
4/6/2017	0.011		<0.001	<0.001	0.0065
10/5/2017	0.013	0.0022 (J)		0.0024 (J)	0.0052
10/6/2017			0.0032		
3/20/2018				<0.001	0.0064
3/21/2018	0.0098	<0.0014 (JX)			
3/22/2018			<0.001		
10/2/2018	0.01	<0.001		<0.001	0.0064
10/3/2018			<0.001		
3/26/2019		0.0029	0.0041	0.0034	0.0094

Time Series

Constituent: Vanadium (mg/L) Analysis Run 7/6/2022 8:05 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
3/27/2019	0.012				
9/11/2019	0.015	0.0052	0.0062	0.0062	0.011
3/18/2020	0.011	<0.001	0.001	<0.001	0.0075
9/9/2020				<0.001	0.007
9/10/2020	0.01	<0.001	0.0011		
4/1/2021	0.011	<0.001		0.0013	0.0081
4/6/2021			0.0028		
8/11/2021	0.011	<0.001	0.0013	0.0012	0.008
2/16/2022	0.0099	<0.001	0.0011	0.00091 (J)	0.0066

Time Series

Constituent: Vanadium (mg/L) Analysis Run 7/6/2022 8:05 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
5/11/2010	0.0064 (J)	0.0078 (J)	0.014	0.0046 (J)	0.0068 (J)
6/16/2010	0.0061 (J)				
6/17/2010			0.014	0.0046 (J)	0.0079 (J)
6/19/2010		<0.001			
7/27/2010	0.006 (J)	0.0096 (J)	0.016		
7/28/2010				0.019 (O)	0.0077 (J)
9/7/2010	0.0066 (J)		0.017	0.0072 (J)	
9/8/2010					0.0077 (J)
9/9/2010		0.0095 (J)			
4/28/2011		0.01			0.0099 (J)
4/29/2011	0.0066 (J)		0.015	0.0052 (J)	
10/28/2011	0.0057 (J)	0.014	0.016	0.0059 (J)	
10/29/2011					0.006 (J)
5/2/2012	0.006 (J)				
5/3/2012		0.013	0.016	0.0049 (J)	0.0084 (J)
11/9/2012	0.0073 (J)	0.012		0.007 (J)	
11/10/2012			0.018		0.0061 (J)
5/9/2013	0.0069 (J)	0.012	0.019		
5/10/2013				0.0094 (J)	0.009 (J)
11/5/2013		0.014			
11/6/2013	0.0077 (J)		0.019	0.0059 (J)	0.0089 (J)
5/22/2014	0.0075 (J)	0.013	0.018	0.0057 (J)	0.0084 (J)
11/8/2014	0.0081 (J)				
11/9/2014			0.02	0.0069 (J)	0.0076 (J)
11/13/2014		0.016			
5/22/2015				0.006 (J)	0.011
5/23/2015	0.01				
5/24/2015		0.014	0.016		
11/10/2015	0.0033 (J)		0.01	0.011	
11/11/2015		0.014			0.0034 (J)
4/11/2016	0.00756 (J)				
4/12/2016		0.0155	0.019	0.00503 (JD)	0.00654 (J)
10/4/2016		0.017			
10/5/2016	0.0084		<0.001	<0.001	
10/6/2016					<0.001
4/5/2017	0.0086				
4/6/2017		0.015	0.02	0.0056	0.0073
10/4/2017		0.015			
10/5/2017	0.0062		0.02	0.0061	
10/6/2017					0.0087
3/20/2018	0.0072	0.014			
3/21/2018			0.021	0.0097	0.0058
10/2/2018	0.0073	0.015			
10/3/2018			0.017	0.0053	0.006
3/26/2019	0.0094	0.016	0.018	0.0076	0.011
9/10/2019		0.018		0.0078	0.0086
9/12/2019	0.0083		0.02		
3/18/2020		0.016		0.0051	
3/19/2020	0.008		0.019		0.0065
9/9/2020	0.0071	0.014			
9/10/2020			0.018	0.0061	0.0068
4/1/2021		0.014			

Time Series

Constituent: Vanadium (mg/L) Analysis Run 7/6/2022 8:05 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
4/2/2021					0.0081
4/5/2021	0.0068		0.017		
4/6/2021				0.0075	
8/11/2021	0.0076		0.019		
8/12/2021		0.016		0.0087	0.007
2/15/2022		0.016		0.0064	0.0059
2/16/2022	0.0068		0.018		

Time Series

Constituent: Vanadium (mg/L) Analysis Run 7/6/2022 8:05 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
5/10/2010			0.011	0.013	0.0097 (J)
5/11/2010	0.0038 (J)	0.0055			
6/16/2010					0.01
6/18/2010	0.0044 (J)	0.0071 (J)	0.017		
6/19/2010				0.0075 (J)	
7/27/2010	0.0054 (J)	0.0085 (J)			0.012
7/28/2010			0.012	0.01	
9/8/2010				0.038	0.013
9/9/2010	0.0053 (J)	0.0088 (J)	0.013		
4/29/2011	0.0039 (J)				0.0097 (J)
4/30/2011		0.0094 (J)	0.012	0.053 (O)	
10/27/2011				0.016	0.015
10/28/2011	<0.001				
10/29/2011		0.009 (J)	0.013		
5/3/2012					0.017
5/4/2012	<0.001	0.0084 (J)	0.012	0.018	
11/10/2012	0.0035 (J)	0.0089 (J)	0.012		
11/11/2012				0.025	0.017
5/9/2013	0.004 (J)	0.0071 (J)	0.013		0.014
5/10/2013				0.09 (O)	
11/6/2013	0.0034 (J)				0.019
11/7/2013		0.0094 (J)	0.014	0.02	
5/21/2014		0.0082 (J)	0.013	0.016	0.016
5/22/2014	0.0047 (J)				
11/9/2014	0.0067 (J)	0.013			
11/12/2014			0.015		0.022
11/13/2014				0.065 (O)	
5/23/2015				0.032	0.016
5/24/2015	0.0033 (J)	0.009 (J)	0.015		
11/11/2015	<0.001	0.0052	0.0055 (J)	0.033	
11/12/2015					0.015
4/12/2016		0.00896 (J)			
4/13/2016			0.0127 (D)		0.0144 (D)
4/19/2016	<0.001			0.0233	
10/6/2016	<0.001	<0.001	<0.001		<0.001
10/10/2016				0.01425 (D)	
4/6/2017	0.0018 (J)	0.0089			0.016
4/7/2017			0.013	0.0044	
10/5/2017	<0.001				0.024
10/6/2017		0.011	0.015		
10/9/2017				0.0047	
3/21/2018		0.0077			0.018
3/22/2018	0.0018 (J)		0.012	0.0043	
10/2/2018					0.021
10/3/2018	0.0018 (J)	0.0081			
10/4/2018			0.012	<0.001	
3/26/2019		0.012			
3/27/2019	0.002 (J)		0.013	0.003	0.019
9/11/2019	0.0047	0.012	0.015	0.0042	0.025
3/18/2020	0.002	0.0099		0.0031	0.012
3/19/2020			0.014		
9/9/2020	0.002			<0.001	0.022

Time Series

Constituent: Vanadium (mg/L) Analysis Run 7/6/2022 8:05 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
9/10/2020		0.0094	0.014		
4/1/2021	0.0027		0.014		0.0095
4/5/2021		0.0091		0.0023	
8/11/2021		0.0099	0.013		
8/12/2021	0.0021			<0.001	0.02
2/15/2022	0.0026	0.0094	0.013	0.00079 (J)	0.017

Time Series

Constituent: Zinc (mg/L) Analysis Run 7/6/2022 8:05 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
5/8/2010			<0.005		
5/9/2010	<0.005	<0.005			
5/10/2010					<0.005
5/11/2010				<0.005	
6/16/2010		<0.005	<0.005		<0.005
6/17/2010				<0.005	
6/18/2010	<0.005				
7/26/2010			<0.005		
7/27/2010		<0.005		<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			<0.005	
4/28/2011				<0.005	
4/29/2011		<0.005	<0.005		<0.005
4/30/2011	<0.005				
10/27/2011					<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	
5/4/2012					<0.005
11/9/2012	<0.005	<0.005	<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			<0.005	<0.005
11/6/2013		<0.005	<0.005		
5/20/2014	<0.005	<0.005	<0.005		
5/21/2014					<0.005
5/23/2014				<0.005	
11/8/2014		<0.005	<0.005		
11/12/2014	<0.005				<0.005
11/13/2014				<0.005	
5/22/2015	<0.005	<0.005	<0.005		
5/23/2015				<0.005	<0.005
11/9/2015		<0.005	<0.005		
11/11/2015	<0.005			<0.005	
11/12/2015					<0.005
4/6/2016	<0.005	<0.005	0.00274 (J)		
4/12/2016				<0.005	
4/13/2016					<0.005 (D)
10/4/2016	<0.005	<0.005		<0.005	
10/5/2016			0.0073 (J)		<0.005
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	
10/5/2017		<0.005	<0.005		<0.005
3/20/2018	<0.005 (D)	<0.005	<0.005	<0.005	
3/21/2018					<0.005
10/2/2018	<0.005	<0.005	<0.005	<0.005	<0.005

Time Series

Constituent: Zinc (mg/L) Analysis Run 7/6/2022 8:05 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-10
3/26/2019	<0.005	<0.005	<0.005	<0.005	
3/27/2019					<0.005
9/10/2019	0.006	0.0047 (J)	0.0084	0.0038 (J)	
9/11/2019					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	<0.005
8/11/2021	<0.005	<0.005	<0.005		
8/18/2021				<0.005	
10/18/2021					<0.005
2/15/2022	<0.005	<0.005	<0.005	<0.005	<0.005

Time Series

Constituent: Zinc (mg/L) Analysis Run 7/6/2022 8:05 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
5/9/2010		<0.005	<0.005	<0.005	
5/10/2010	<0.005				<0.005
6/16/2010	<0.005				<0.005
6/18/2010		<0.005	<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
9/8/2010	<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	
10/27/2011	<0.005				
10/28/2011		<0.005	<0.005	<0.005	<0.005
5/2/2012					<0.005
5/3/2012		<0.005		<0.005	
5/4/2012	<0.005		<0.005		
11/9/2012					<0.005
11/10/2012	<0.005	<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	<0.005	<0.005	
5/23/2014					<0.005
11/8/2014					<0.005
11/12/2014	<0.005	<0.005	<0.005	<0.005	
5/22/2015					<0.005
5/23/2015		<0.005			
5/24/2015	<0.005		<0.005	<0.005	
11/10/2015					<0.005
11/11/2015				<0.005	
11/12/2015	<0.005	<0.005	<0.005		
4/11/2016					<0.005
4/13/2016	0.00241 (JD)	0.00409 (JD)	0.00289 (JD)	<0.005 (D)	
10/4/2016				<0.005	
10/5/2016	<0.005	<0.005			<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
3/21/2018	0.007 (J)	<0.005 (D)			
3/22/2018			<0.005		
10/2/2018	0.022 (O)	<0.005		<0.005	<0.005
10/3/2018			<0.005		
3/26/2019		<0.005	<0.005	<0.005	<0.005

Time Series

Constituent: Zinc (mg/L) Analysis Run 7/6/2022 8:05 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-18
3/27/2019	<0.005				
9/11/2019	0.0072	0.0065	0.0085	0.0038 (J)	0.0077
3/18/2020	<0.005	0.005	0.0052	<0.005	<0.005
9/9/2020				<0.005	<0.005
9/10/2020	0.018	0.0037 (J)	0.0038 (J)		
4/1/2021	0.0034 (J)	<0.005		<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	0.0034 (J)	0.0032 (J)	0.004 (J)	<0.005	<0.005

Time Series

Constituent: Zinc (mg/L) Analysis Run 7/6/2022 8:05 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
5/11/2010	<0.005	<0.005	<0.005	0.018 (O)	<0.005
6/16/2010	<0.005				
6/17/2010			<0.005	<0.005	<0.005
6/19/2010		<0.005			
7/27/2010	<0.005	<0.005	<0.005		
7/28/2010				0.016 (O)	<0.005
9/7/2010	<0.005		<0.005	<0.005	
9/8/2010					<0.005
9/9/2010		<0.005			
4/28/2011		<0.005			<0.005
4/29/2011	<0.005		<0.005	<0.005	
10/28/2011	<0.005	<0.005	<0.005	<0.005	
10/29/2011					<0.005
5/2/2012	<0.005				
5/3/2012		<0.005	<0.005	<0.005	<0.005
11/9/2012	<0.005	<0.005		<0.005	
11/10/2012			<0.005		<0.005
5/9/2013	<0.005	<0.005	<0.005		
5/10/2013				<0.005	<0.005
11/5/2013		<0.005			
11/6/2013	<0.005		<0.005	<0.005	<0.005
5/22/2014	<0.005	<0.005	<0.005	<0.005	<0.005
11/8/2014	<0.005				
11/9/2014			<0.005	<0.005	<0.005
11/13/2014		<0.005			
5/22/2015				<0.005	<0.005
5/23/2015	<0.005				
5/24/2015		<0.005	<0.005		
11/10/2015	<0.005	<0.005	<0.005	<0.005	
11/11/2015		<0.005			<0.005
4/11/2016	<0.005				
4/12/2016		<0.005	<0.005	<0.005 (D)	0.00203 (J)
10/4/2016		<0.005			
10/5/2016	0.0085 (O)		<0.005	0.01 (O)	
10/6/2016					<0.005
4/5/2017	<0.005				
4/6/2017		<0.005	<0.005	<0.005	<0.005
10/4/2017		<0.005			
10/5/2017	<0.005		<0.005	<0.005	
10/6/2017					<0.005
3/20/2018	<0.005	<0.005			
3/21/2018			<0.005	<0.005	<0.005
10/2/2018	<0.005	<0.005			
10/3/2018			<0.005	<0.005	<0.005
3/26/2019	<0.005	<0.005	<0.005	<0.005	<0.005
9/10/2019		0.004 (J)		0.0069	0.006
9/12/2019	0.0059		0.0065		
3/18/2020		<0.005		<0.005	
3/19/2020	<0.005		<0.005		<0.005
9/9/2020	<0.005	<0.005			
9/10/2020			<0.005	<0.005	<0.005
4/1/2021		0.01			

Time Series

Constituent: Zinc (mg/L) Analysis Run 7/6/2022 8:05 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-2	GWC-20	GWC-3	GWC-4
4/2/2021					<0.005
4/5/2021	<0.005		<0.005		
4/6/2021				<0.005	
8/11/2021	<0.005		<0.005		
8/12/2021		<0.005		0.0035 (J)	<0.005
2/15/2022		<0.005		<0.005	<0.005
2/16/2022	<0.005		<0.005		

Time Series

Constituent: Zinc (mg/L) Analysis Run 7/6/2022 8:05 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
5/10/2010			<0.005	<0.005	<0.005
5/11/2010	<0.005	<0.005			
6/16/2010					<0.005
6/18/2010	<0.005	<0.005	<0.005		
6/19/2010				0.0081 (J)	
7/27/2010	<0.005	<0.005			<0.005
7/28/2010			<0.005	0.017 (J)	
9/8/2010				0.085	<0.005
9/9/2010	<0.005	<0.005	<0.005		
4/29/2011	<0.005				<0.005
4/30/2011		<0.005	<0.005	0.13 (O)	
10/27/2011				0.03	<0.005
10/28/2011	<0.005				
10/29/2011		<0.005	<0.005		
5/3/2012					<0.005
5/4/2012	<0.005	<0.005	<0.005	0.029	
11/10/2012	<0.005	<0.005	<0.005		
11/11/2012				0.046	<0.005
5/9/2013	<0.005	<0.005	<0.005		<0.005
5/10/2013				0.23 (O)	
11/6/2013	<0.005				<0.005
11/7/2013		<0.005	<0.005	0.028	
5/21/2014		<0.005	<0.005	0.015 (J)	<0.005
5/22/2014	<0.005				
11/9/2014	<0.005	<0.005			
11/12/2014			<0.005		<0.005
11/13/2014				0.13 (O)	
5/23/2015				0.059	<0.005
5/24/2015	<0.005	<0.005	<0.005		
11/11/2015	0.0089 (J)	<0.005	<0.005	0.079	
11/12/2015					<0.005
4/12/2016		<0.005			
4/13/2016			<0.005 (D)		<0.005 (D)
4/19/2016	0.0133 (O)			0.0218	
10/6/2016	<0.005	<0.005	<0.005		<0.005
10/10/2016				0.013 (J)	
4/6/2017	0.0087 (J)	<0.005			<0.005
4/7/2017			<0.005	<0.005	
10/5/2017	0.0078 (J)				<0.005
10/6/2017		<0.005	<0.005		
10/9/2017				<0.005	
3/21/2018		<0.005			<0.005
3/22/2018	0.0086 (J)		<0.005	<0.005	
10/2/2018					<0.005
10/3/2018	<0.005	<0.005			
10/4/2018			<0.005	<0.005	
3/26/2019		<0.005			
3/27/2019	<0.005		<0.005	<0.005	<0.005
9/11/2019	0.0074	0.0062	0.0074	0.0052	0.0037 (J)
3/18/2020	0.0045 (J)	<0.005		<0.005	<0.005
3/19/2020			<0.005		
9/9/2020	<0.005			<0.005	<0.005

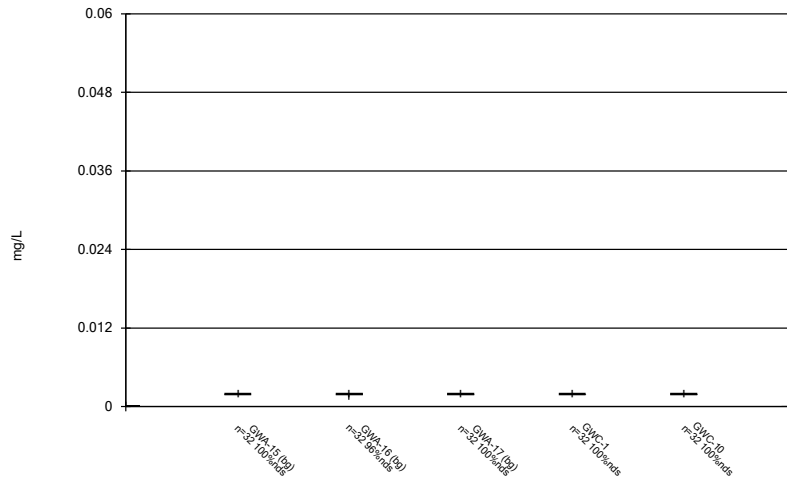
Time Series

Constituent: Zinc (mg/L) Analysis Run 7/6/2022 8:05 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-6	GWC-7	GWC-8A	GWC-9
9/10/2020		<0.005	<0.005		
4/1/2021	<0.005		<0.005		<0.005
4/5/2021		<0.005		<0.005	
8/11/2021		<0.005	<0.005		
8/12/2021	0.0034 (J)			<0.005	<0.005
2/15/2022	0.0034 (J)	<0.005	0.0037 (J)	<0.005	<0.005

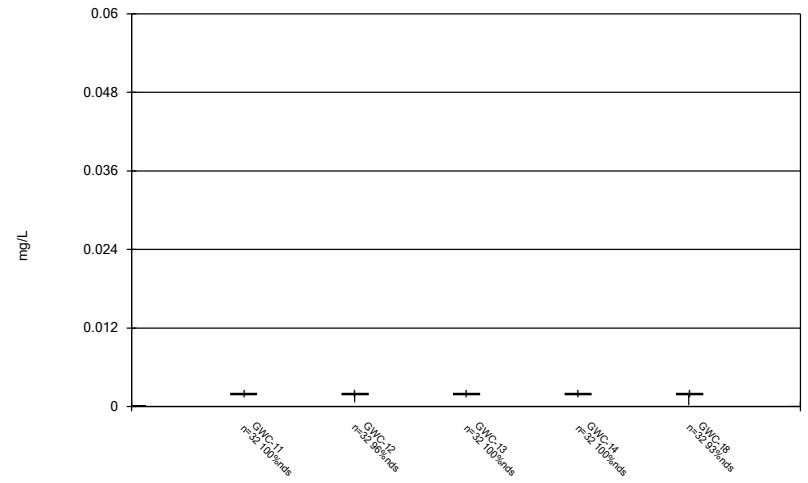
FIGURE B.

Box & Whiskers Plot



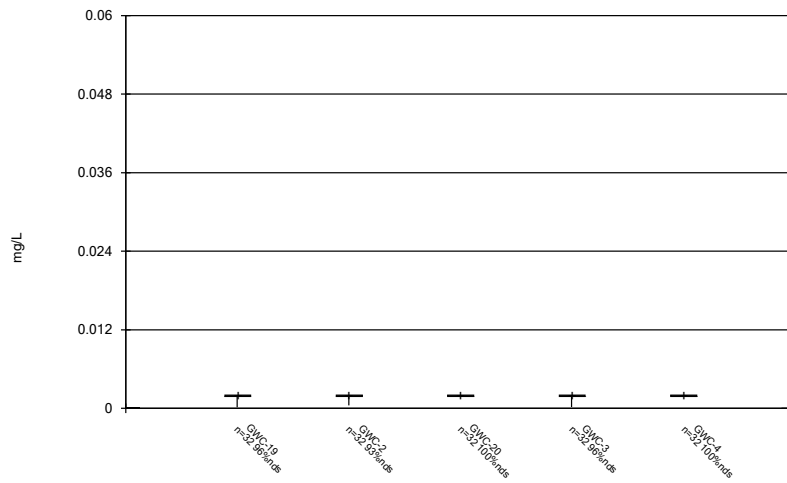
Constituent: Antimony, Total Analysis Run 7/6/2022 8:06 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



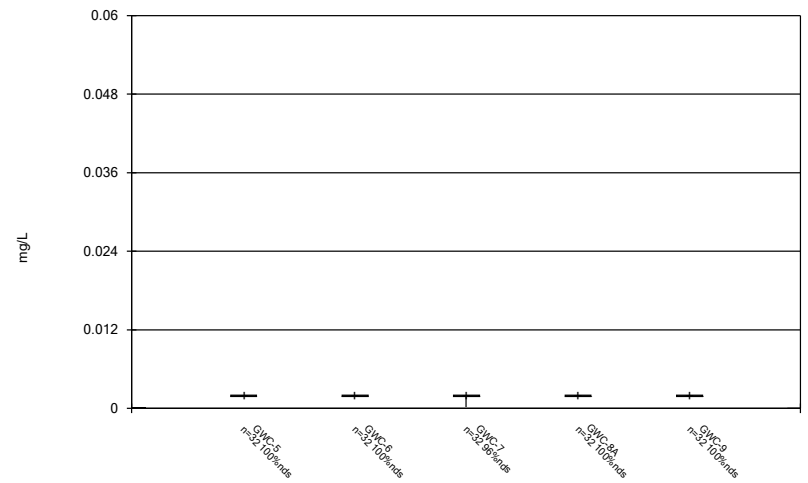
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



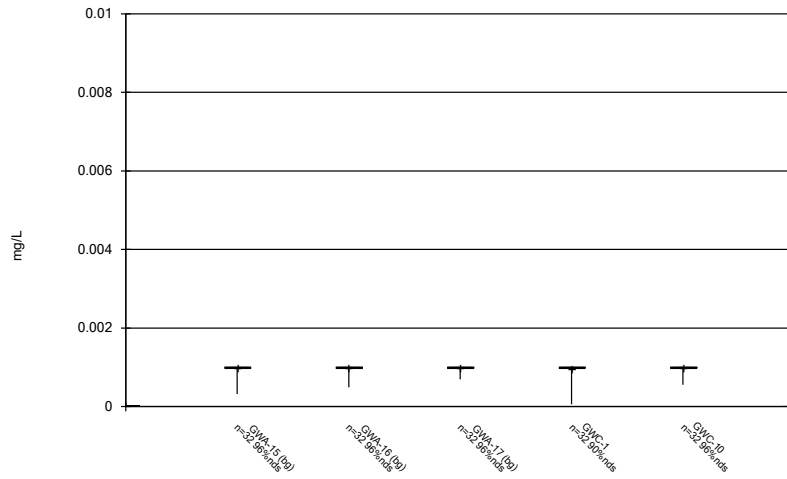
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



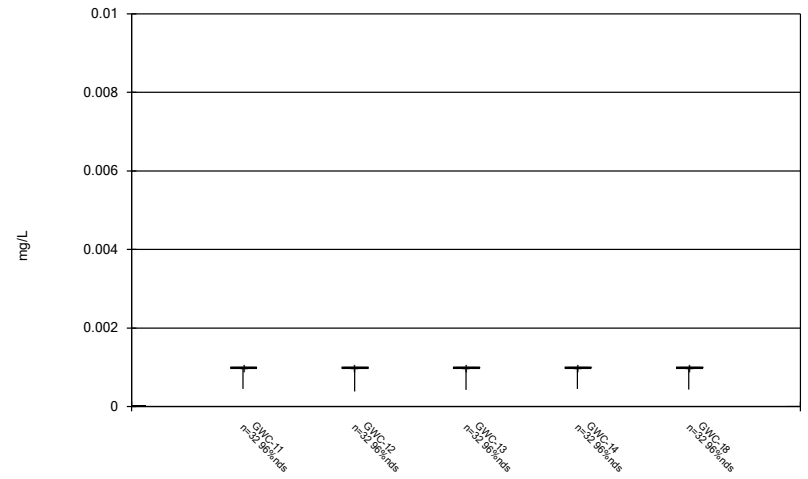
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



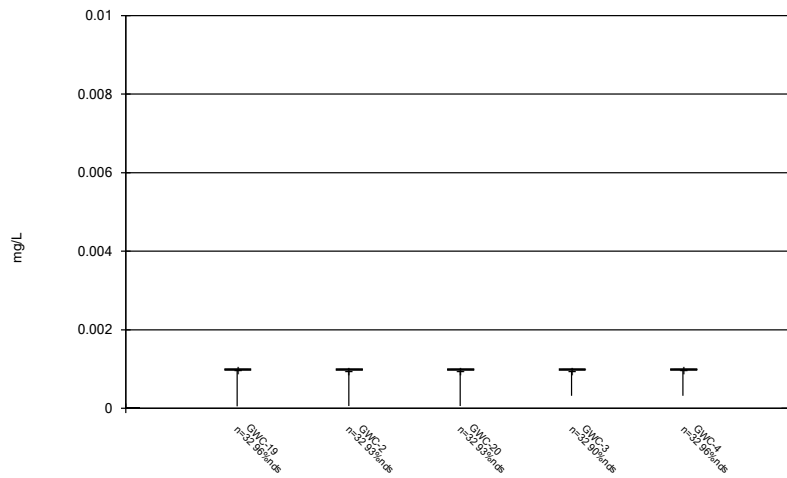
Constituent: Arsenic, Total Analysis Run 7/6/2022 8:06 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



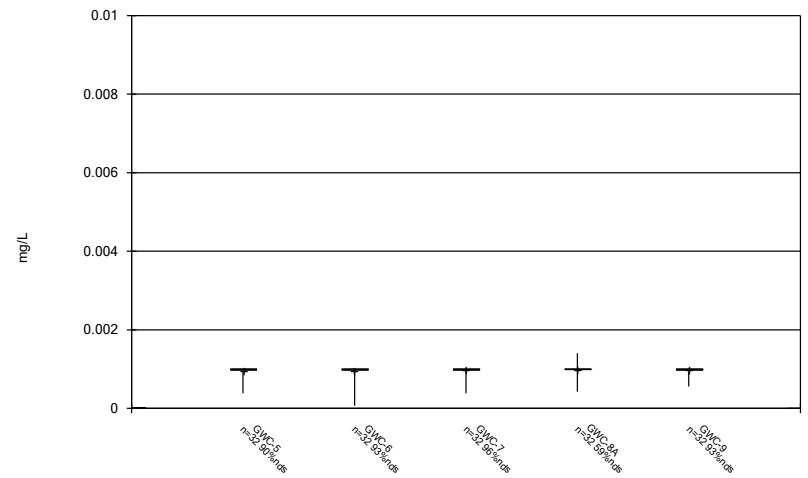
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



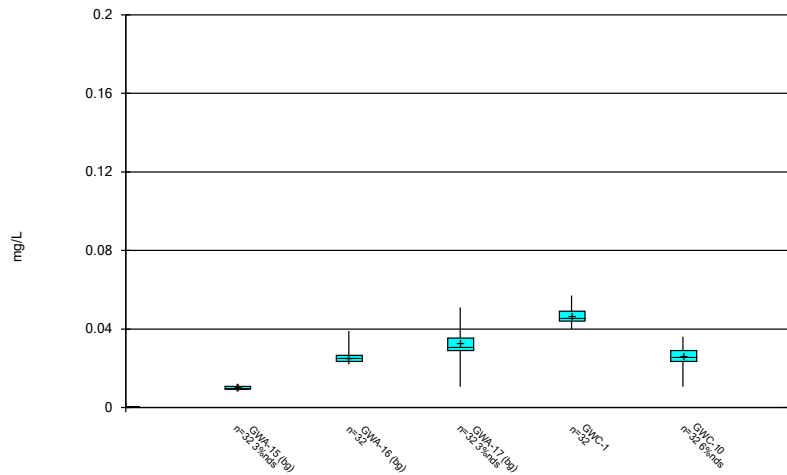
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



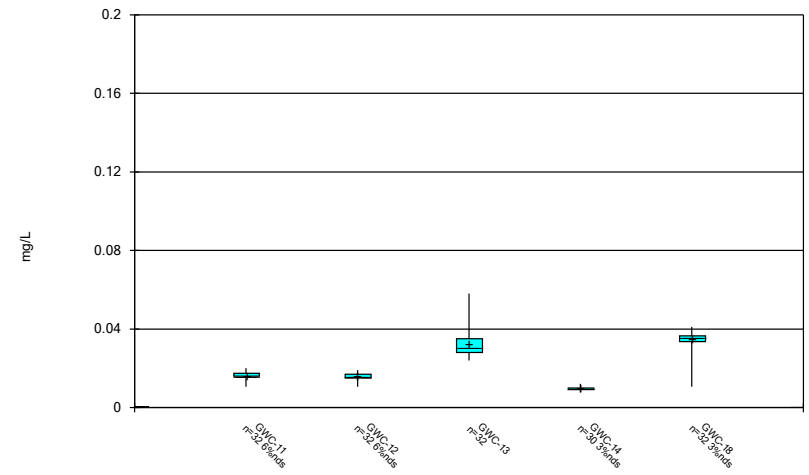
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



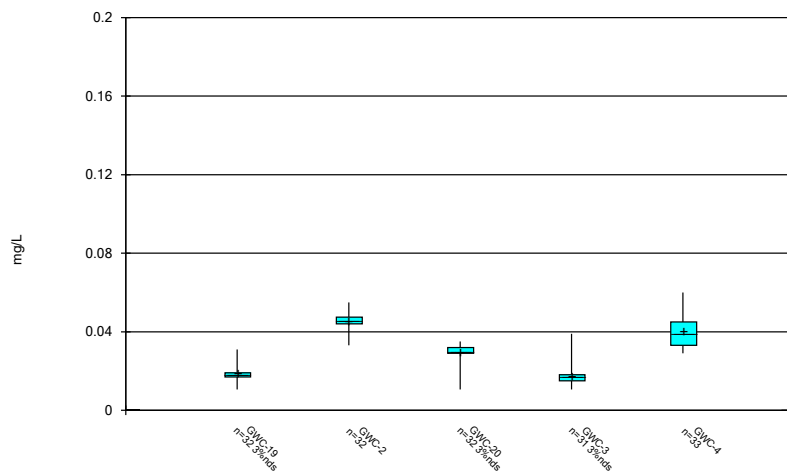
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



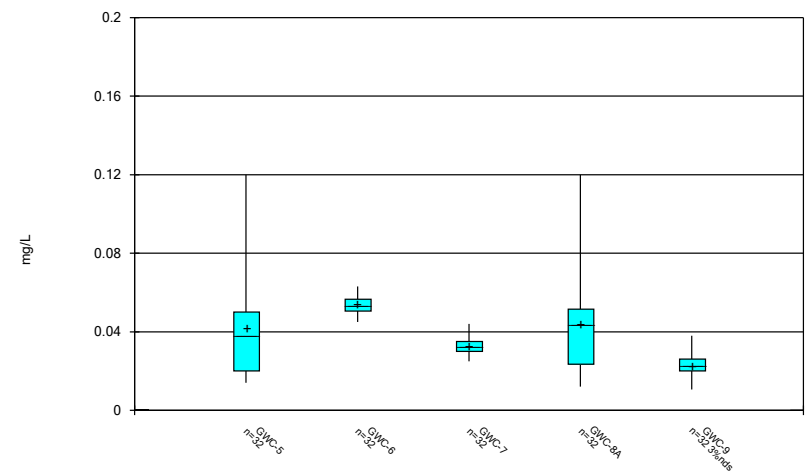
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



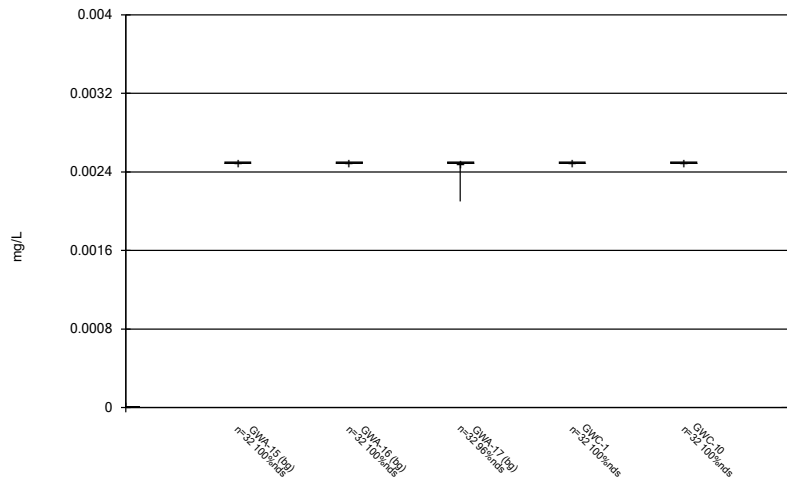
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



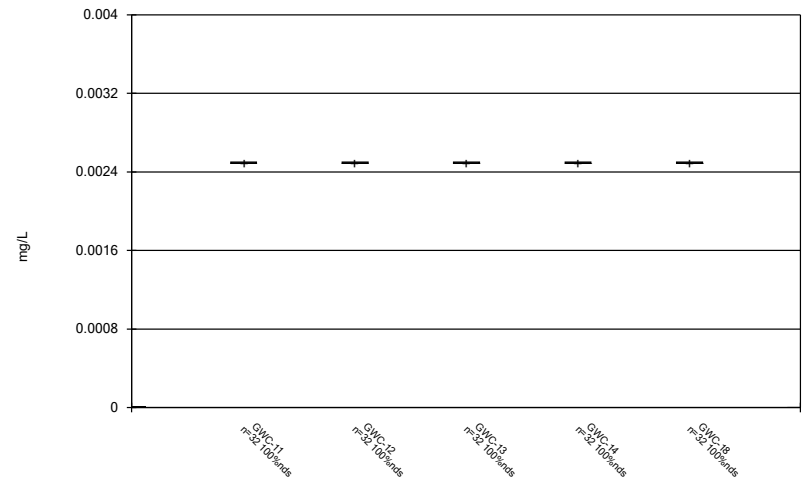
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



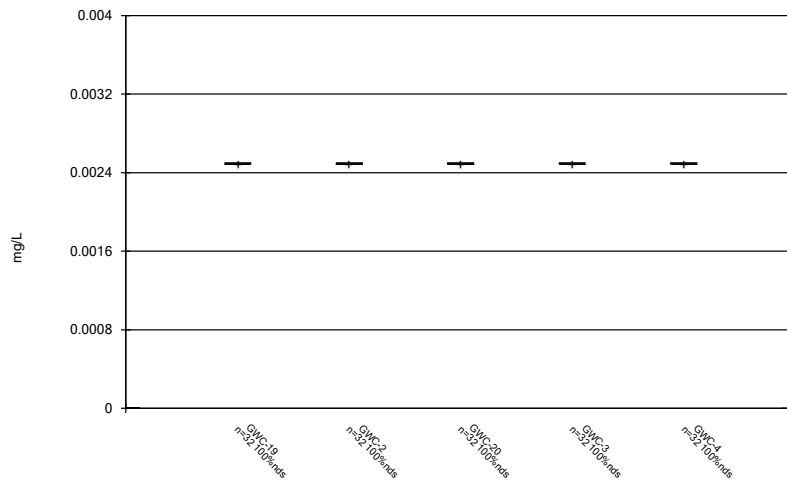
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



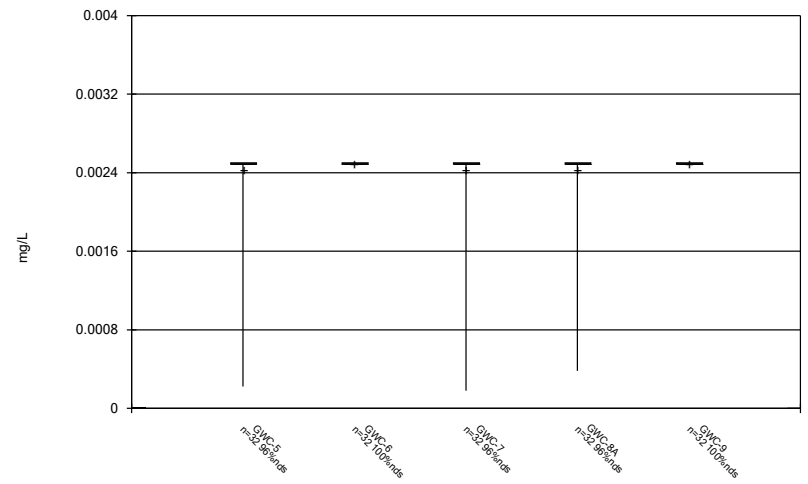
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



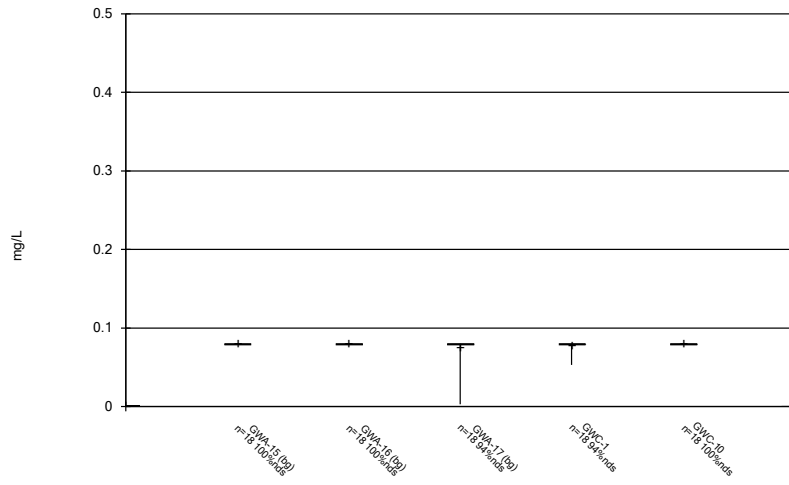
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



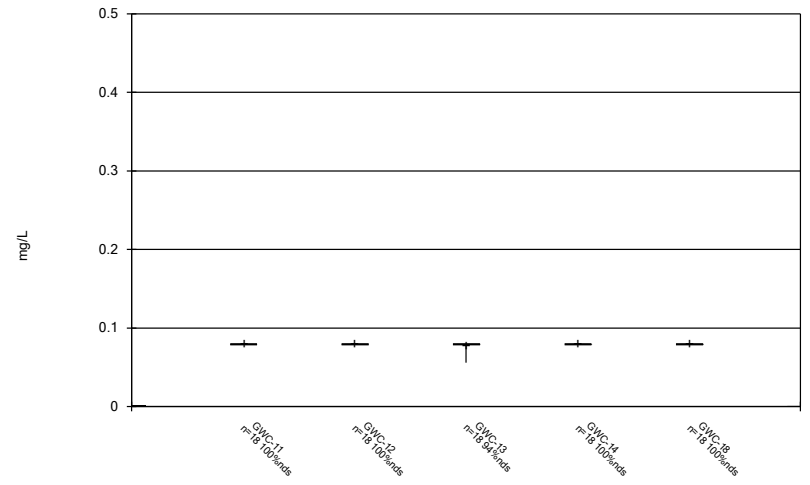
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



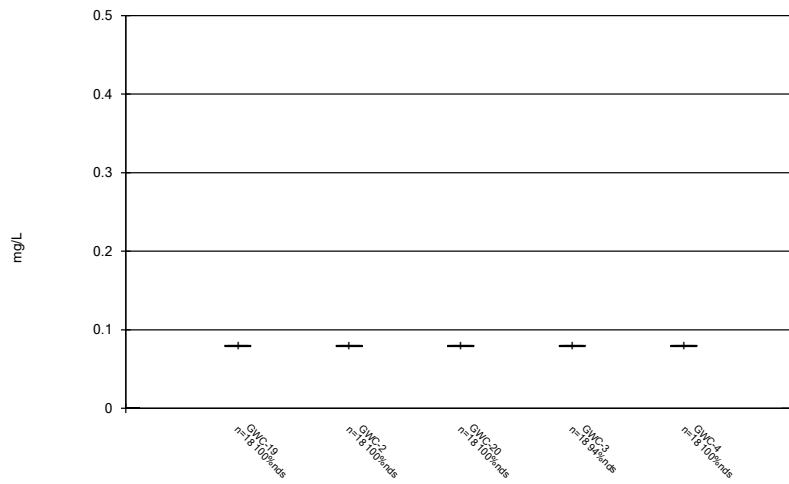
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 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



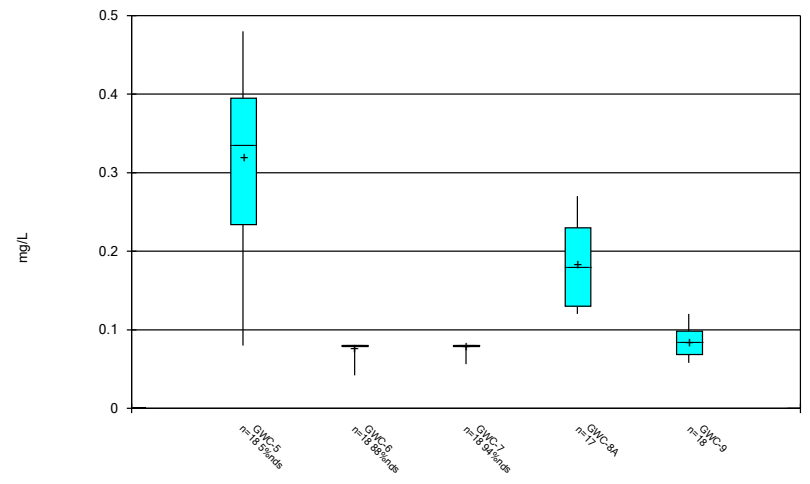
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 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



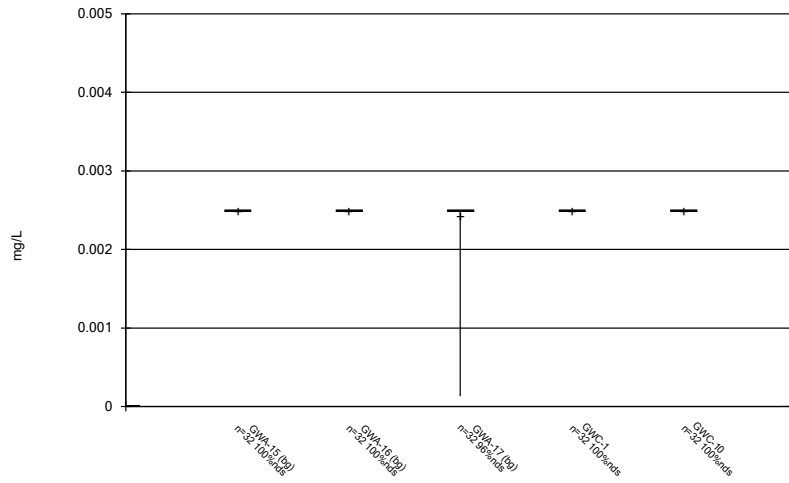
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 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



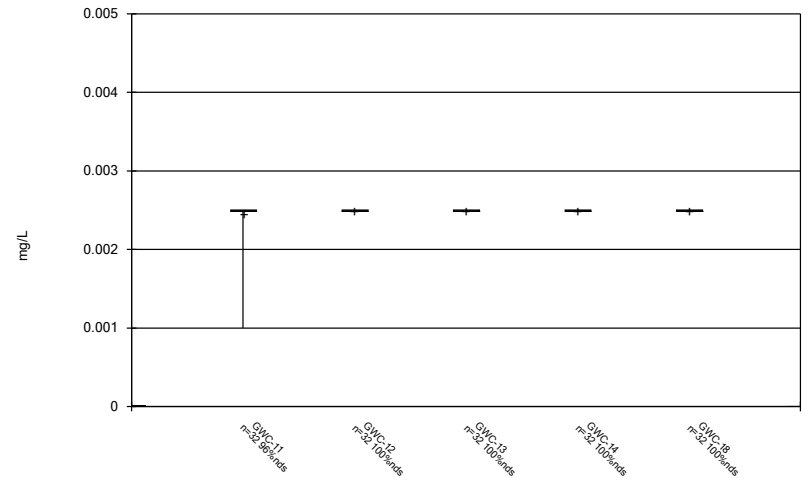
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Box & Whiskers Plot



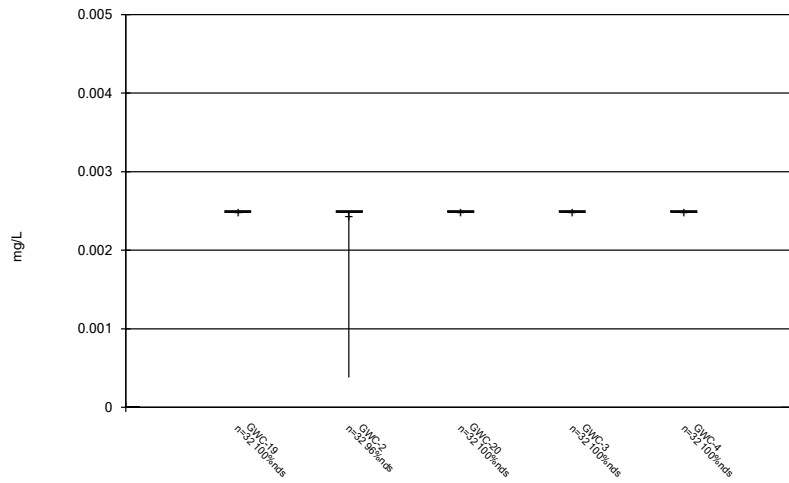
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



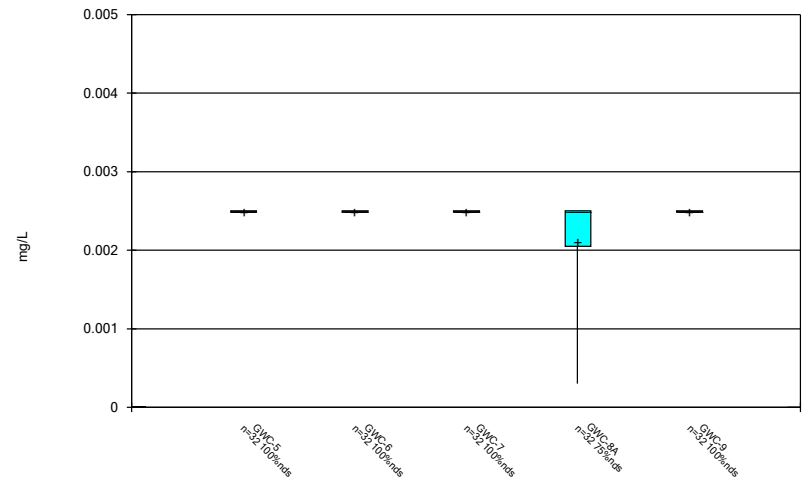
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



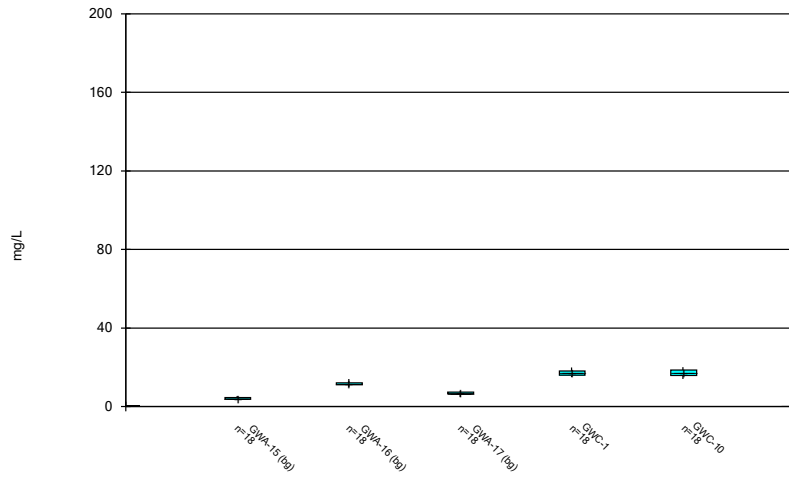
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



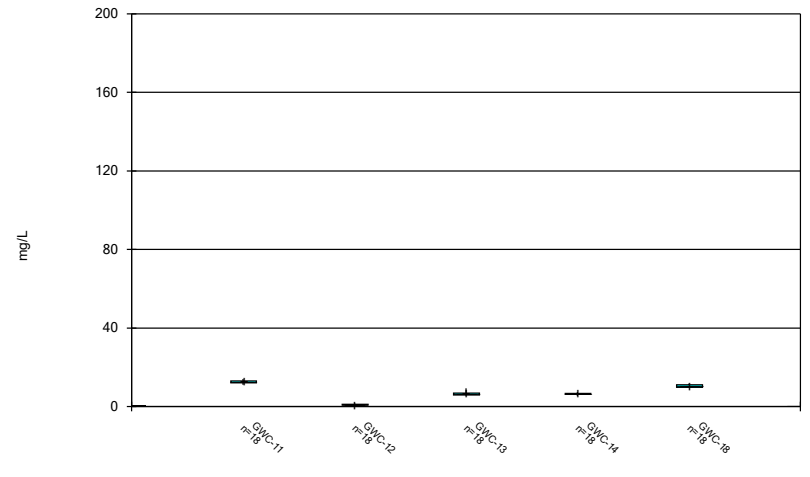
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



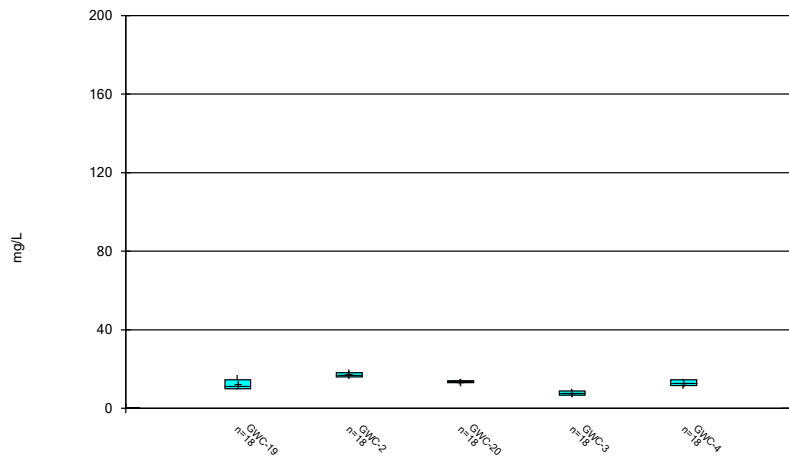
Constituent: Calcium Analysis Run 7/6/2022 8:06 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



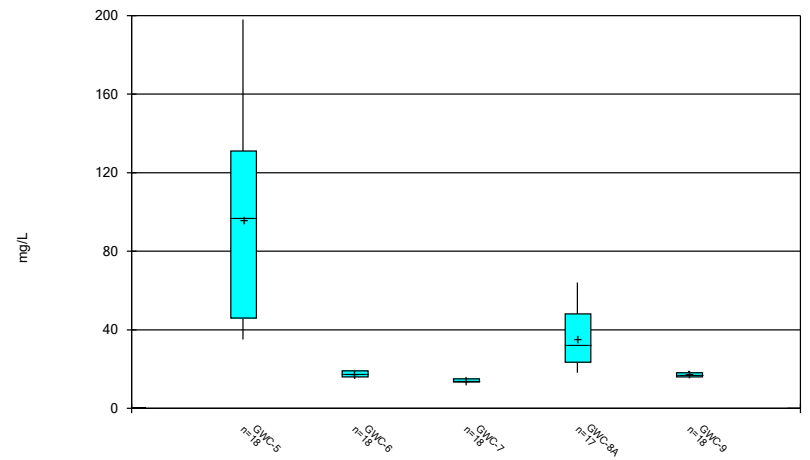
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



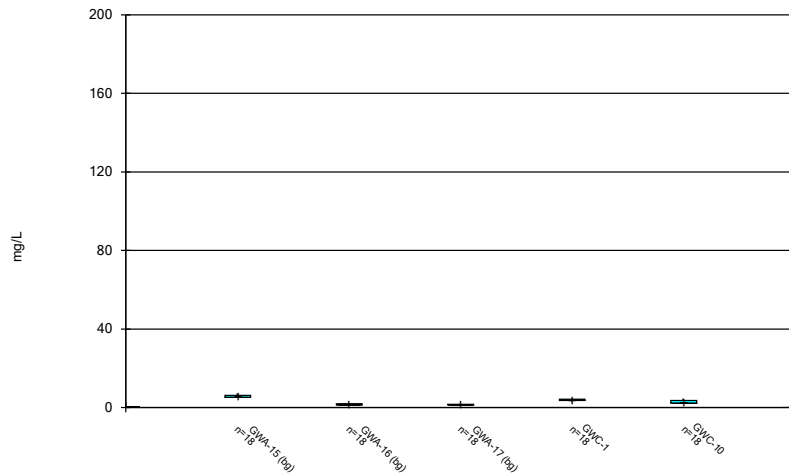
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



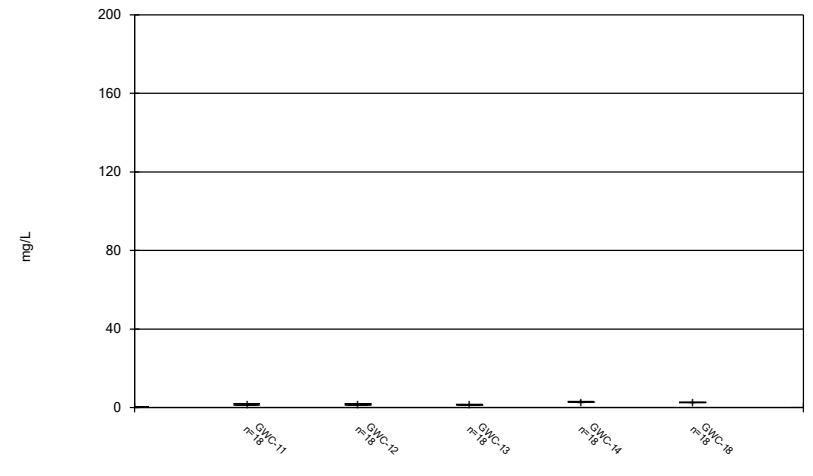
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



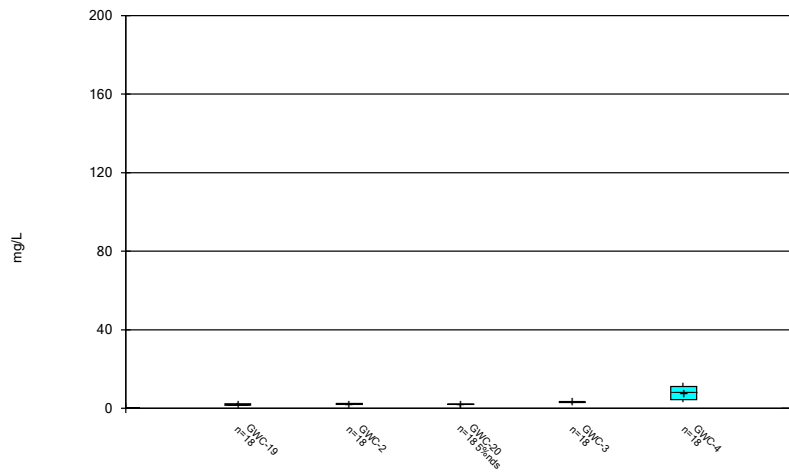
Constituent: Chloride Analysis Run 7/6/2022 8:06 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



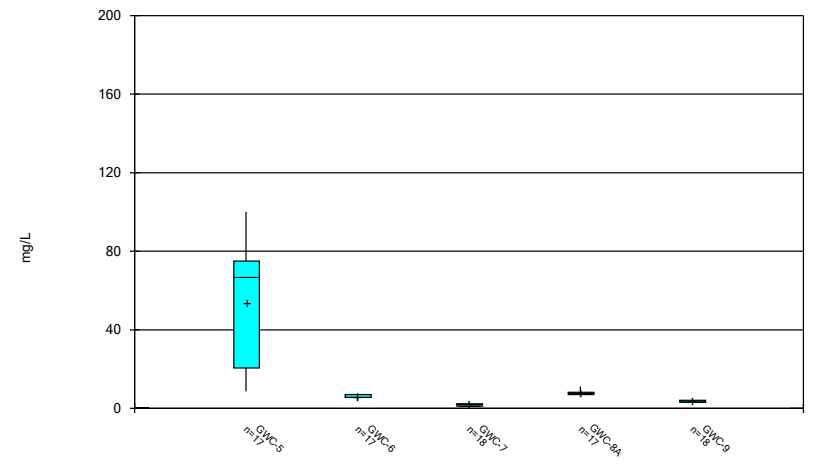
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



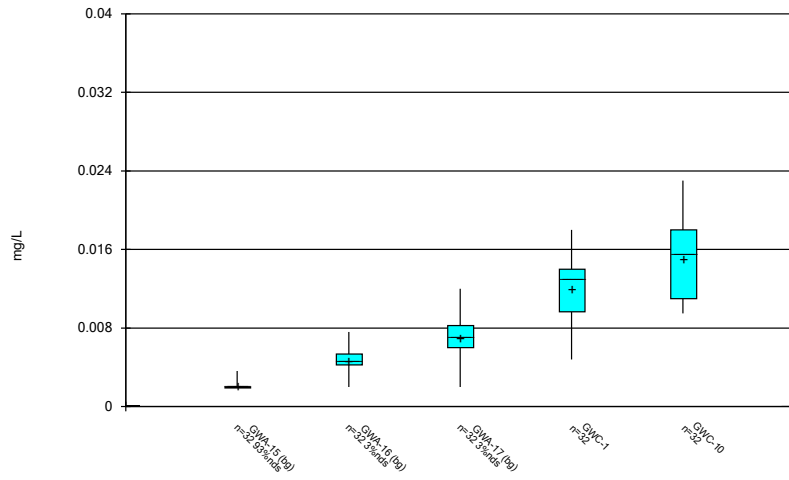
Constituent: Chloride Analysis Run 7/6/2022 8:06 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



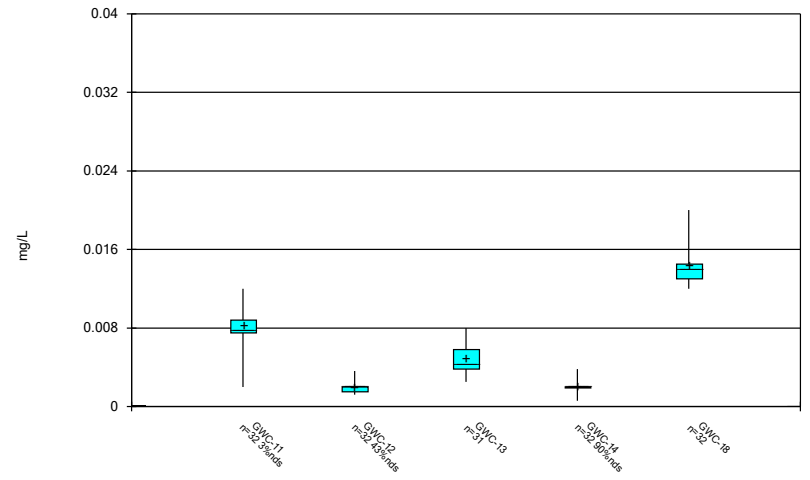
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



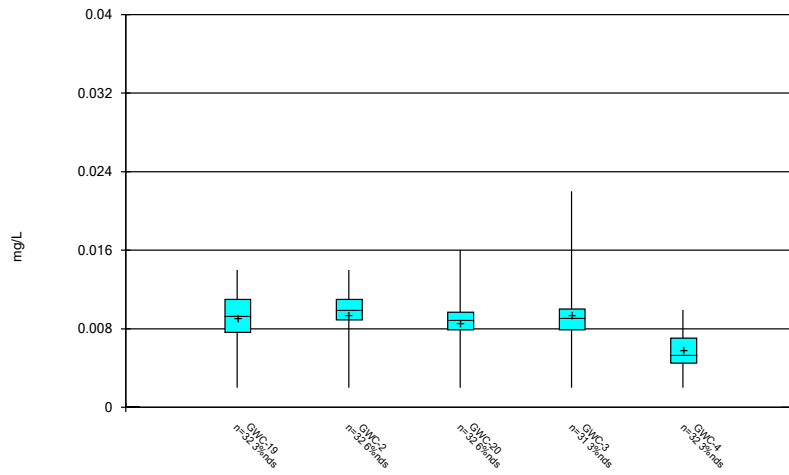
Constituent: Chromium, Total Analysis Run 7/6/2022 8:06 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



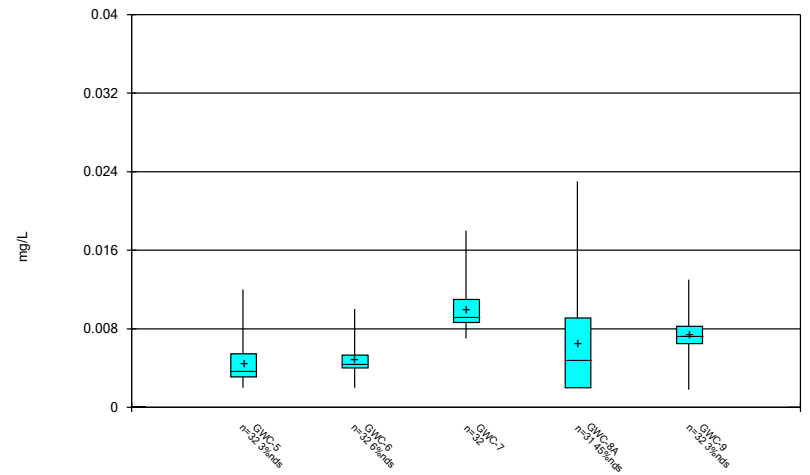
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



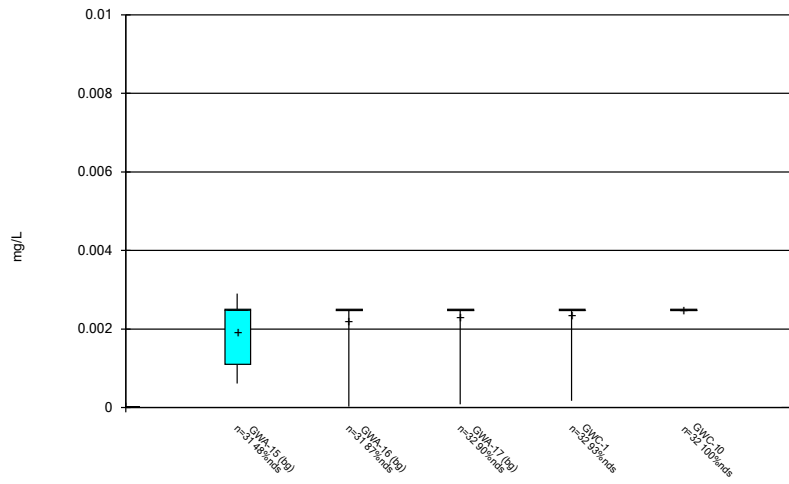
Constituent: Chromium, Total Analysis Run 7/6/2022 8:06 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



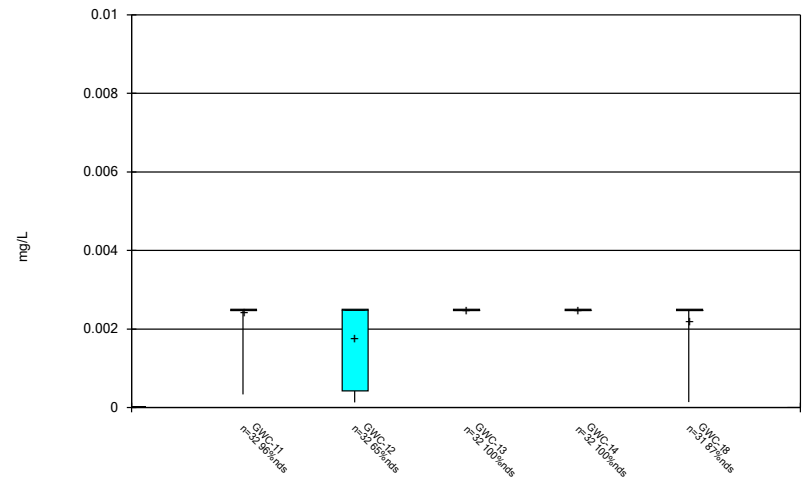
Constituent: Chromium, Total Analysis Run 7/6/2022 8:06 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



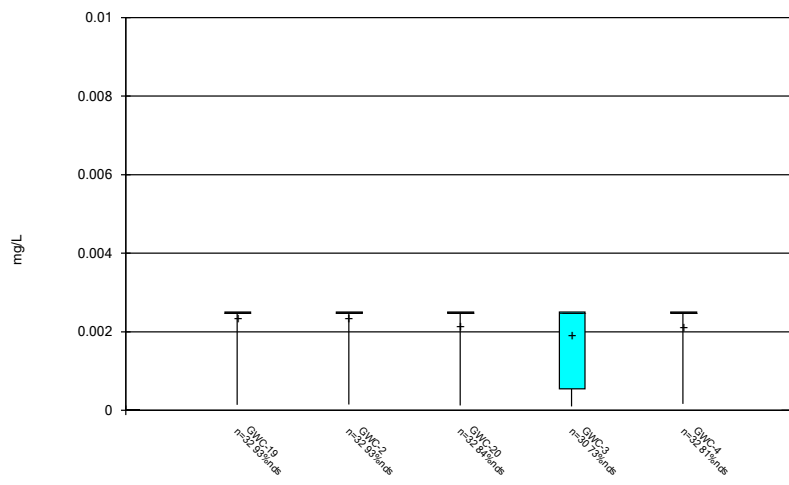
Constituent: Cobalt, Total Analysis Run 7/6/2022 8:06 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



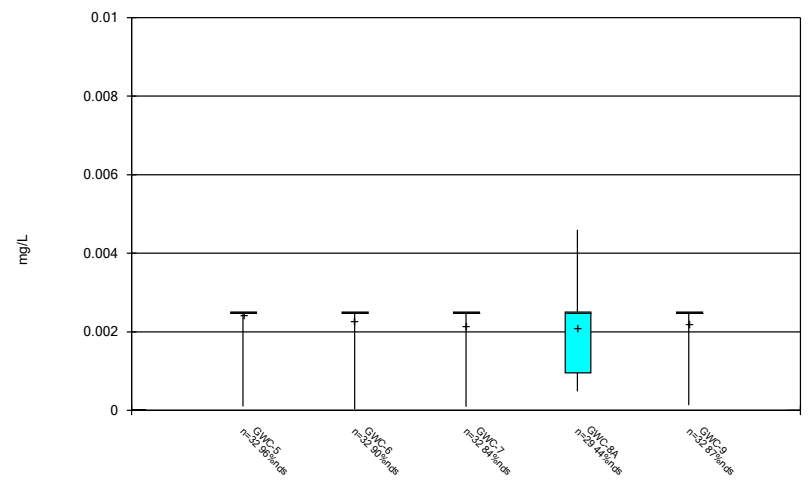
Constituent: Cobalt, Total Analysis Run 7/6/2022 8:06 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



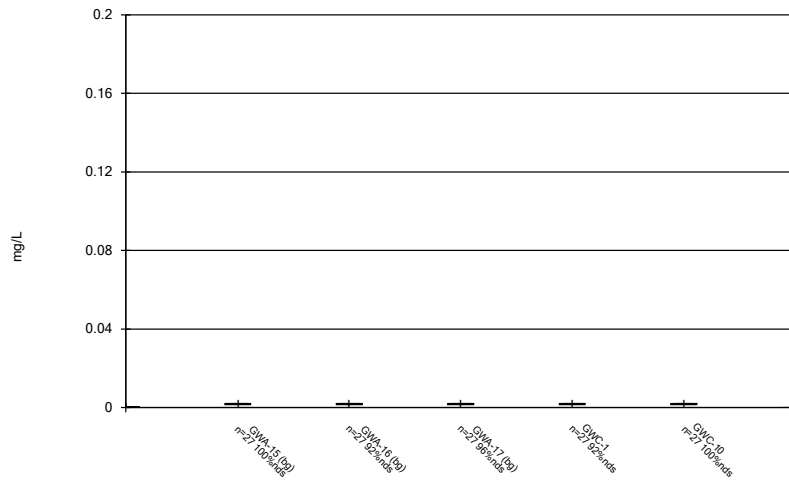
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



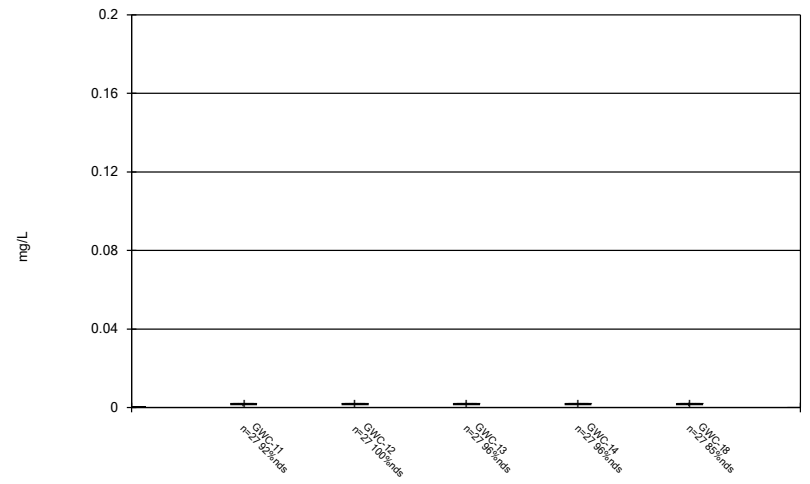
Constituent: Cobalt, Total Analysis Run 7/6/2022 8:06 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



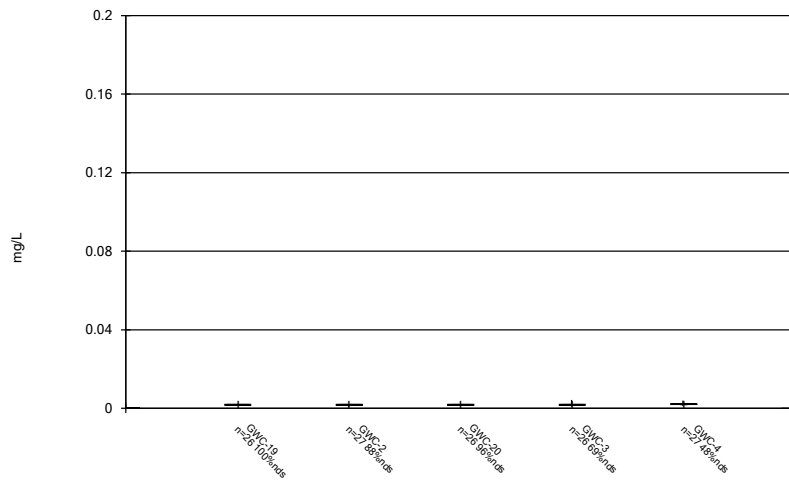
Constituent: Copper Analysis Run 7/6/2022 8:06 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



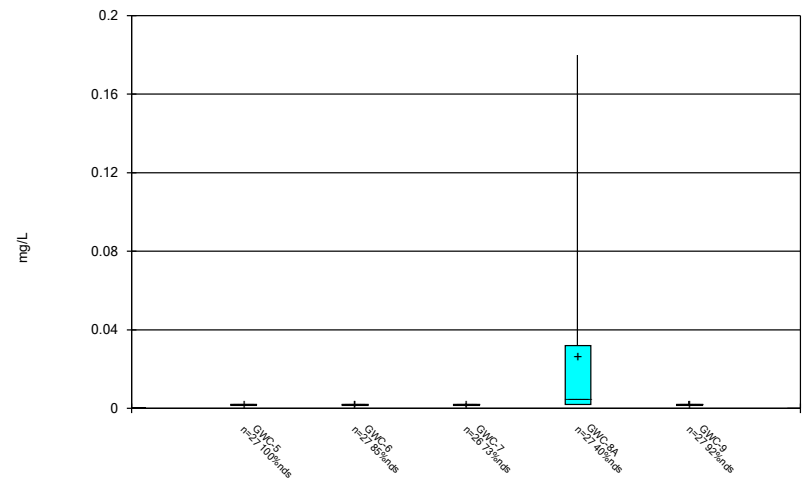
Constituent: Copper Analysis Run 7/6/2022 8:06 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



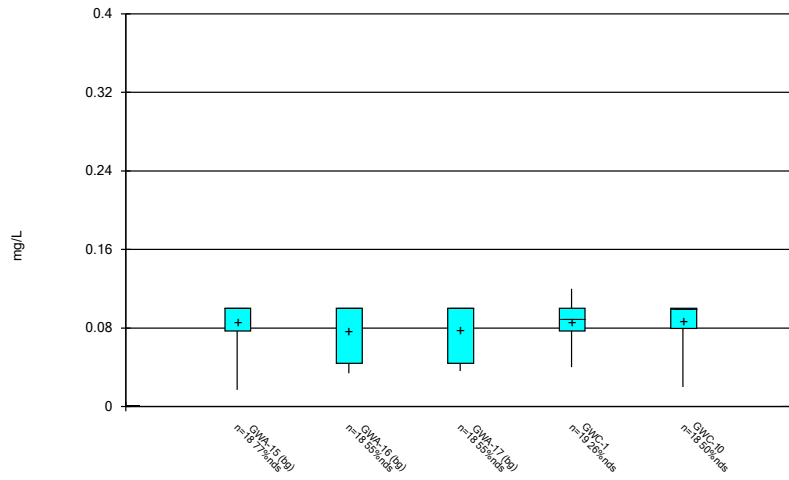
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 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



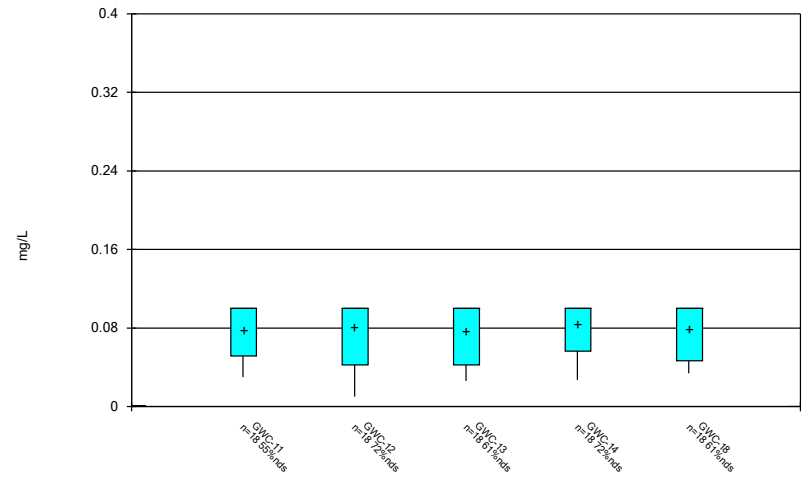
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 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



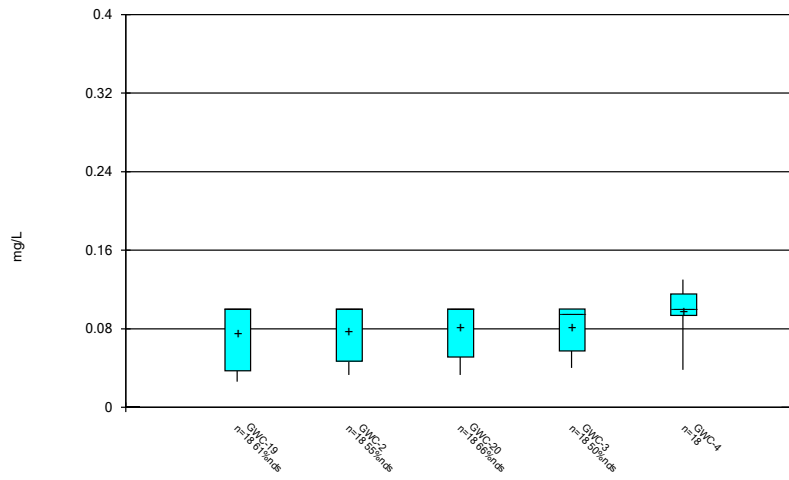
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Box & Whiskers Plot



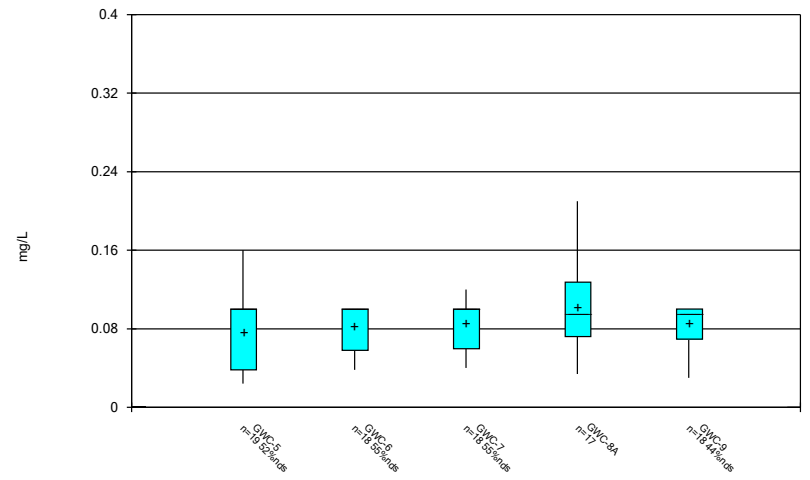
Constituent: Fluoride Analysis Run 7/6/2022 8:06 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



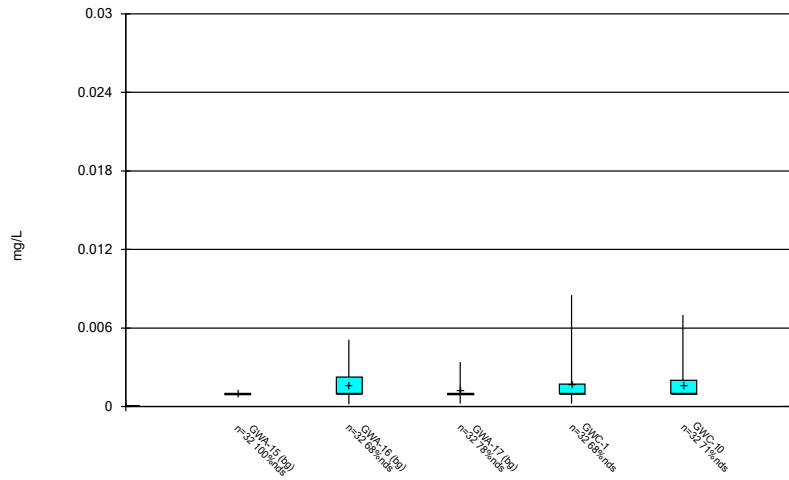
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Box & Whiskers Plot



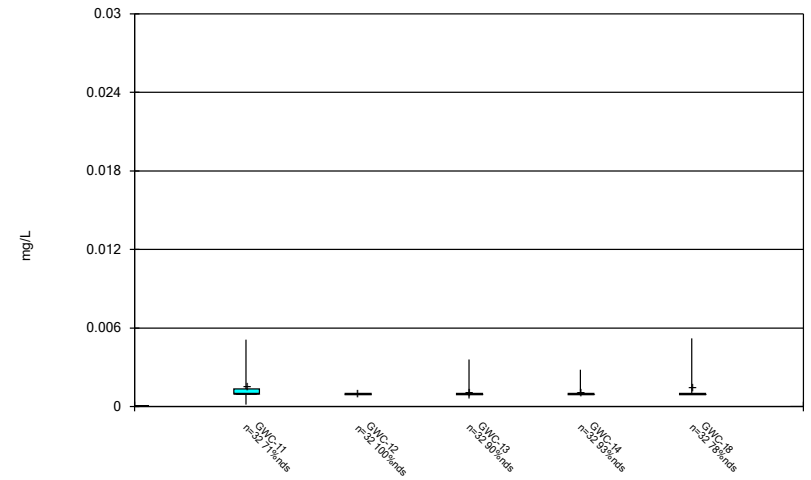
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 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



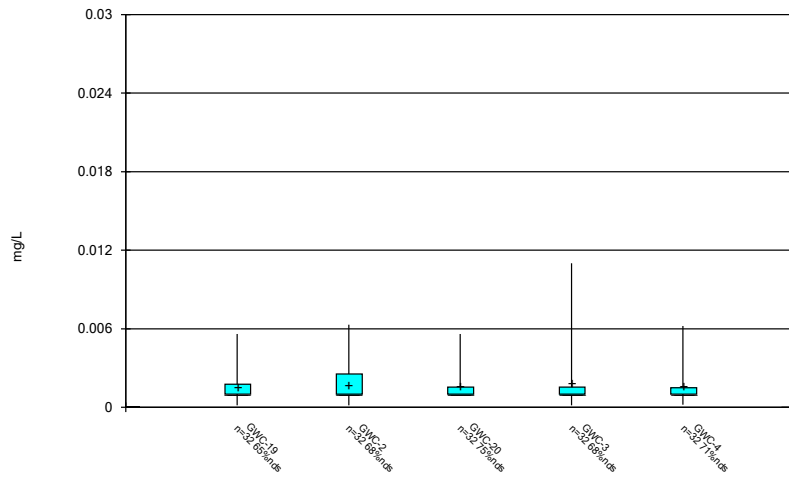
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



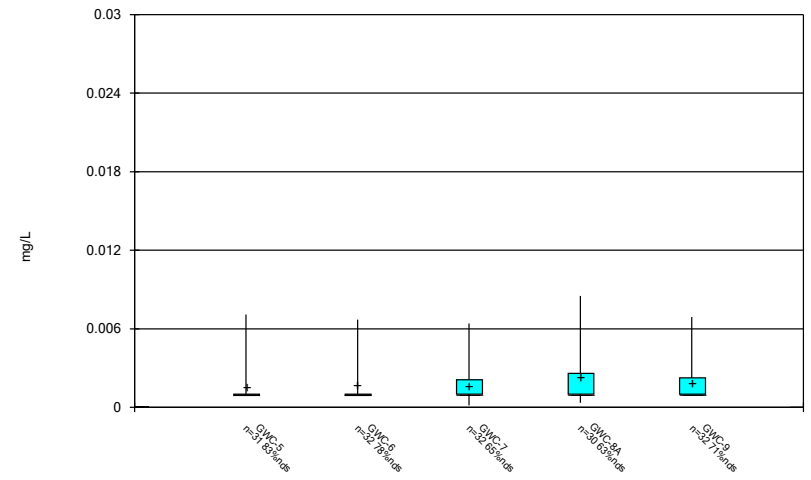
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



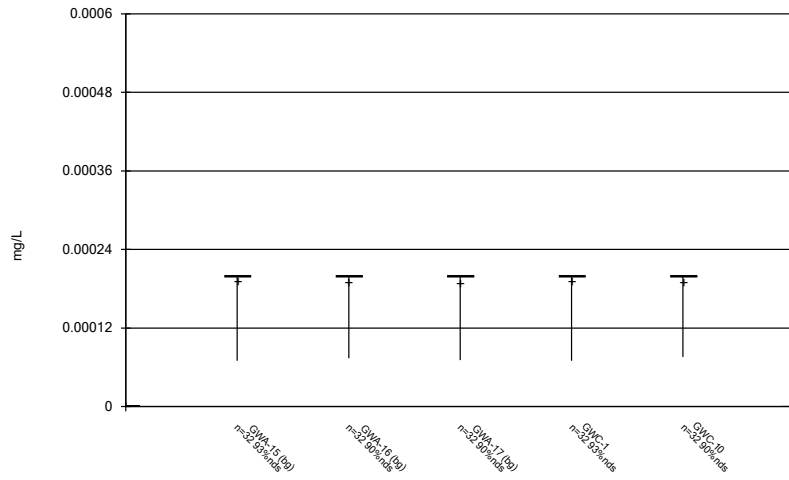
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



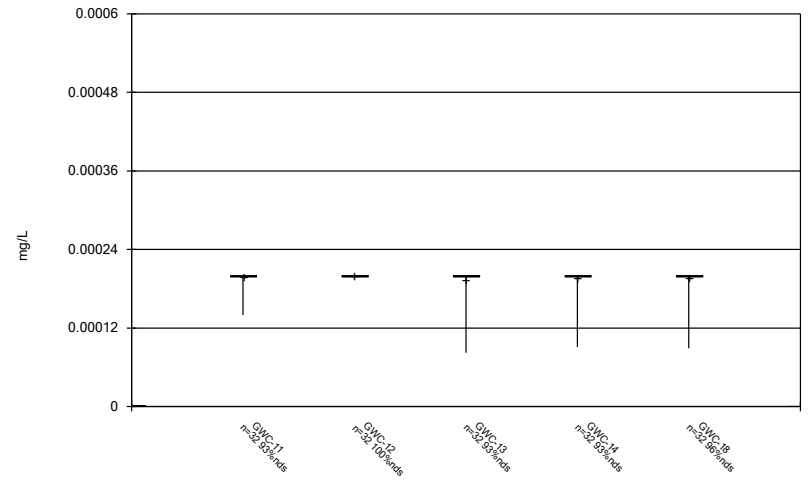
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



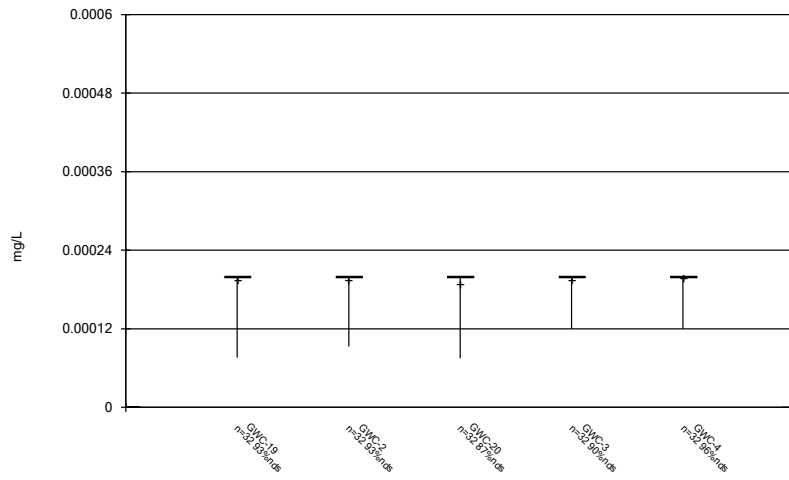
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



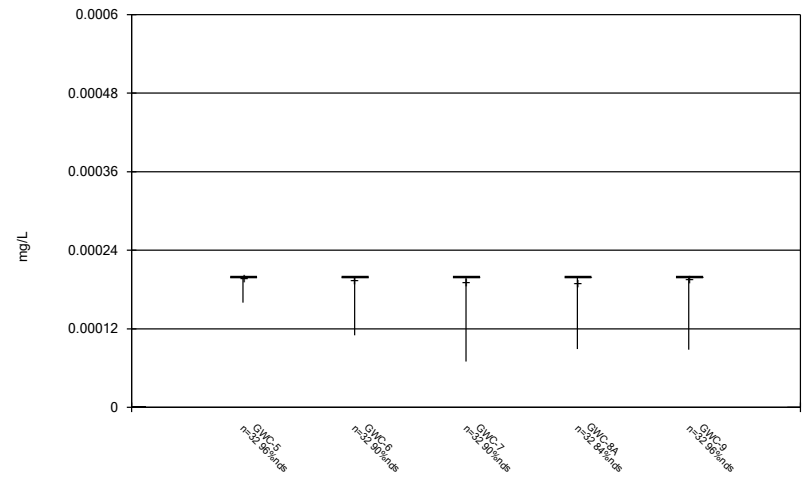
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



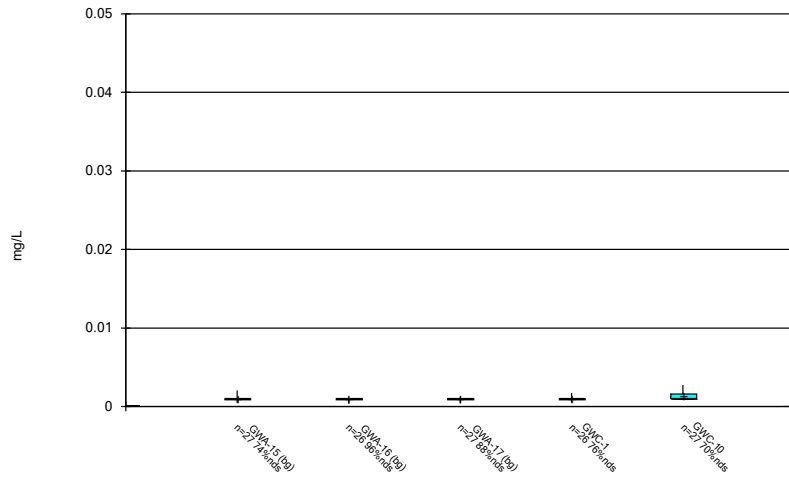
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



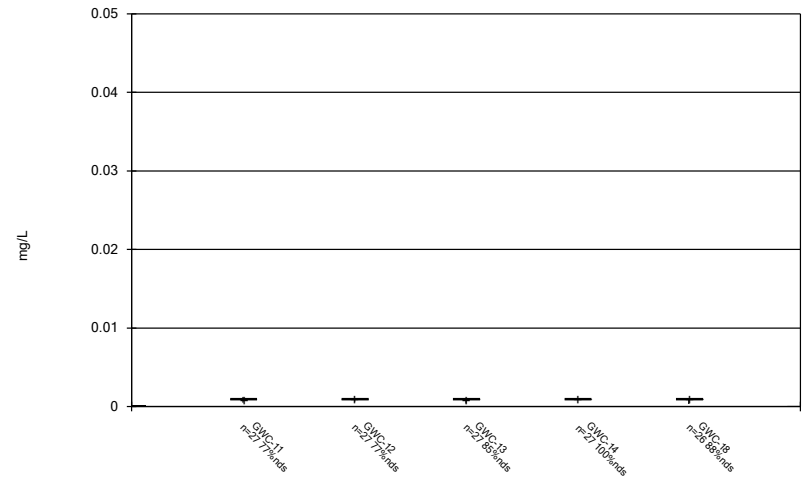
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



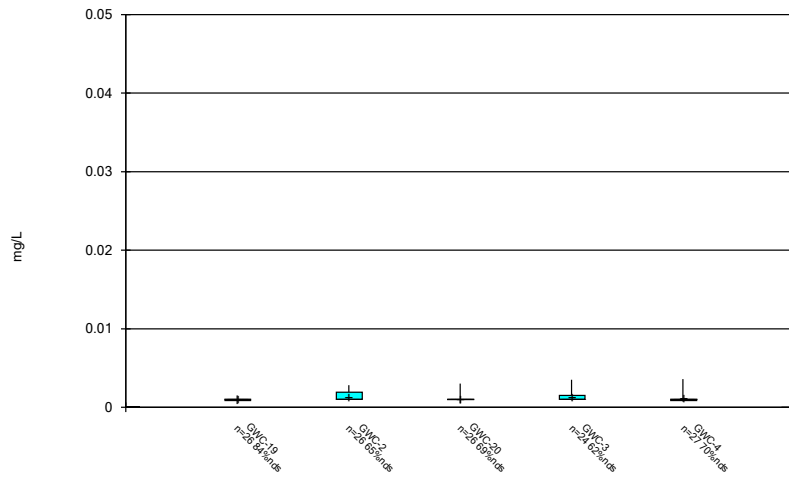
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 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



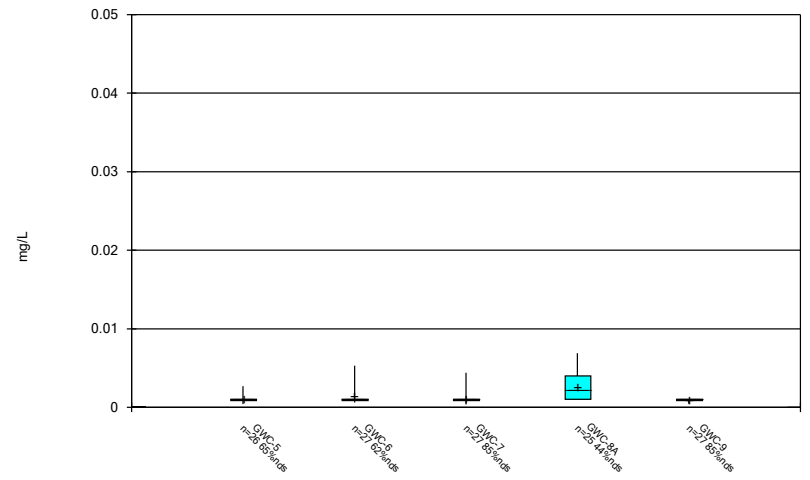
Constituent: Nickel Analysis Run 7/6/2022 8:06 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



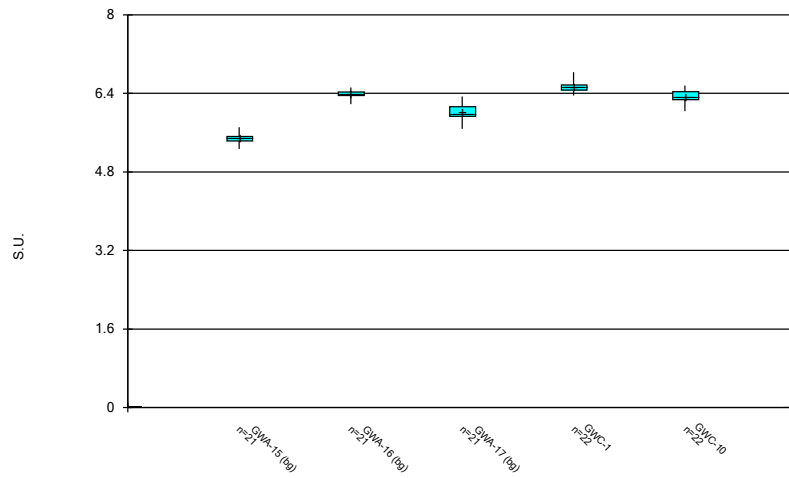
Constituent: Nickel Analysis Run 7/6/2022 8:06 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



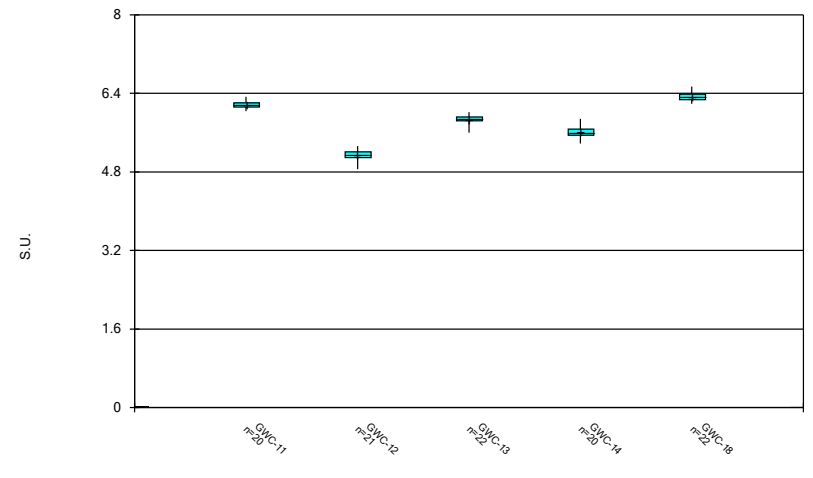
Constituent: Nickel Analysis Run 7/6/2022 8:06 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



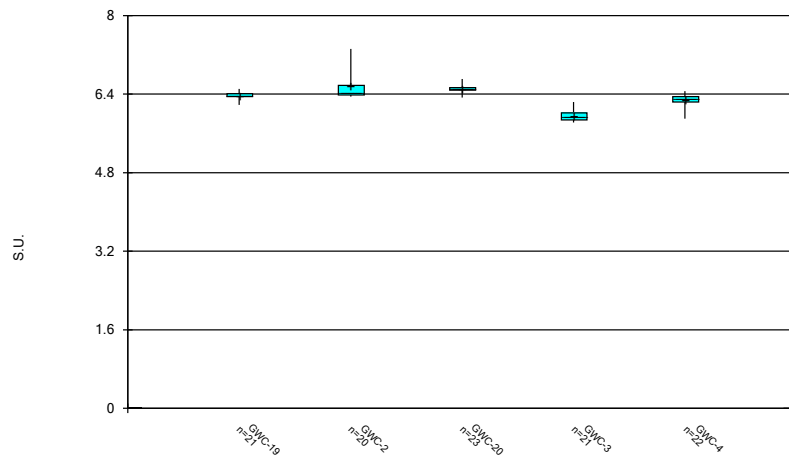
Constituent: pH Analysis Run 7/6/2022 8:06 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



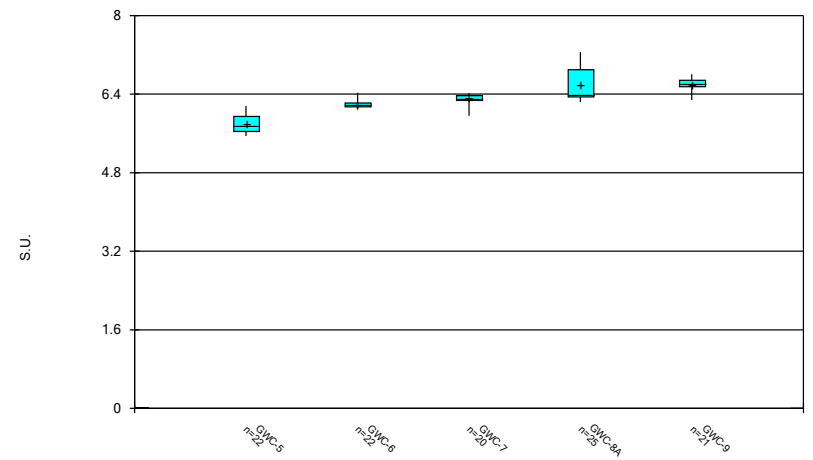
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



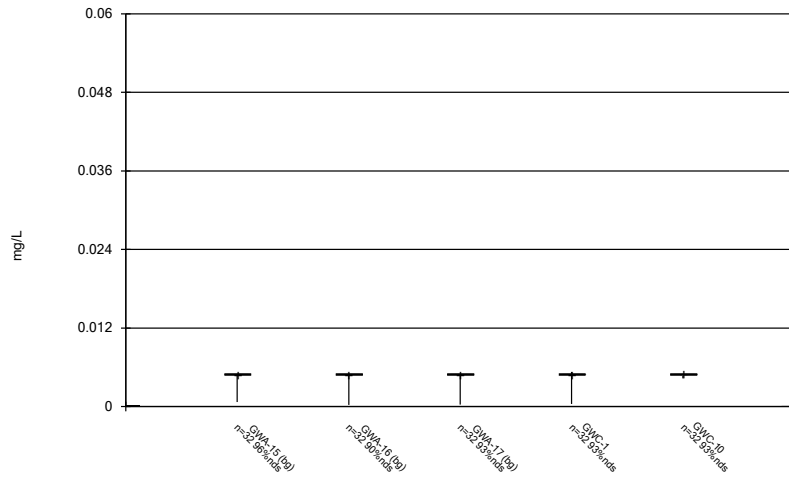
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



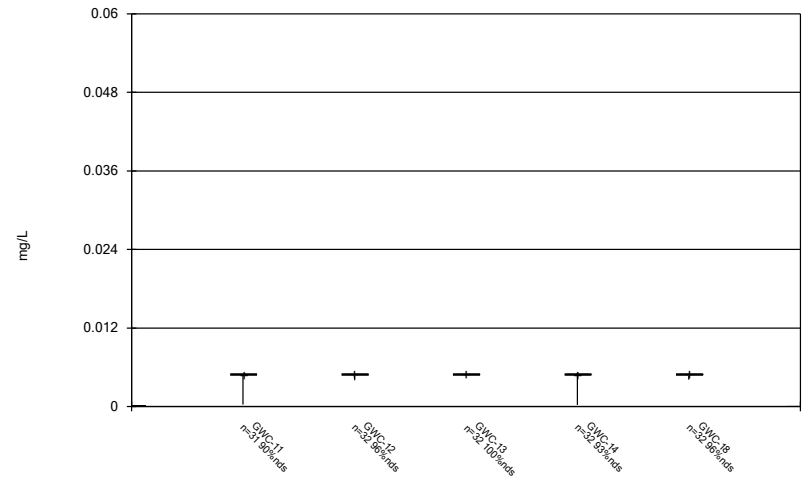
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



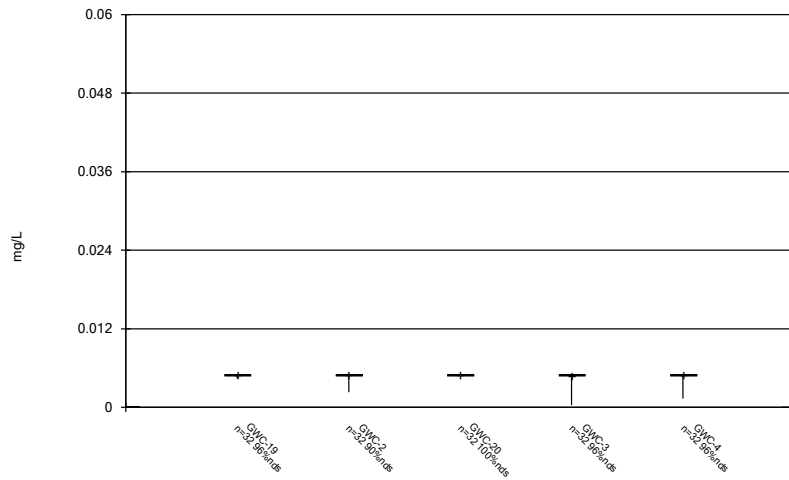
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 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



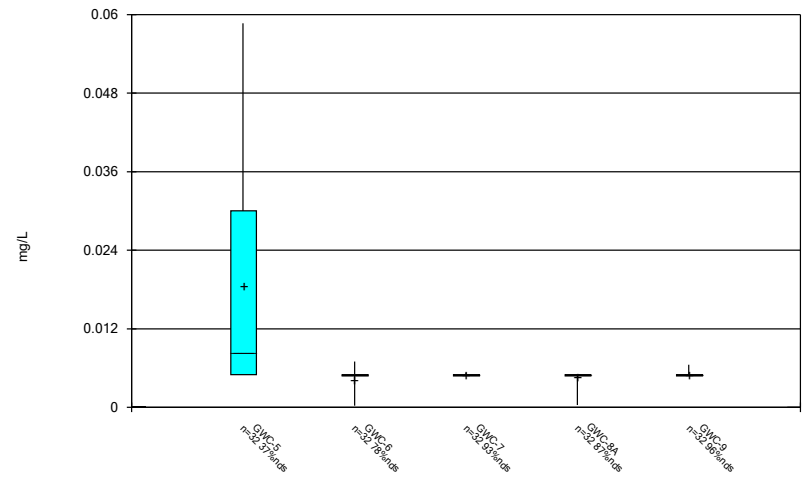
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 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



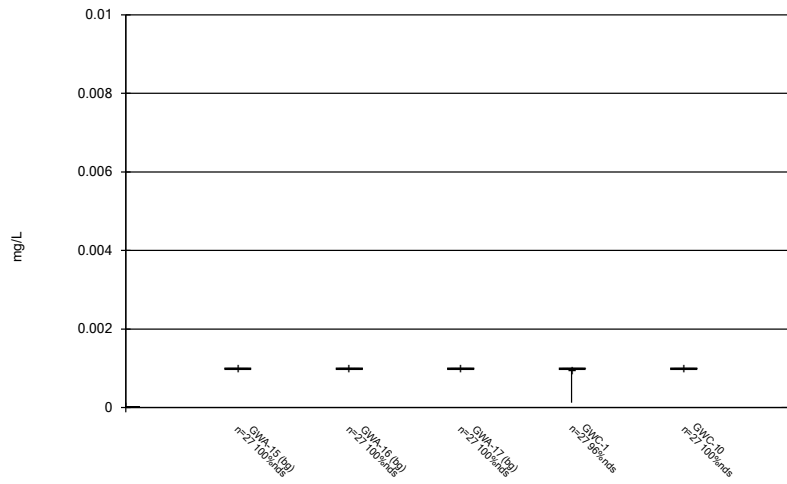
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 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



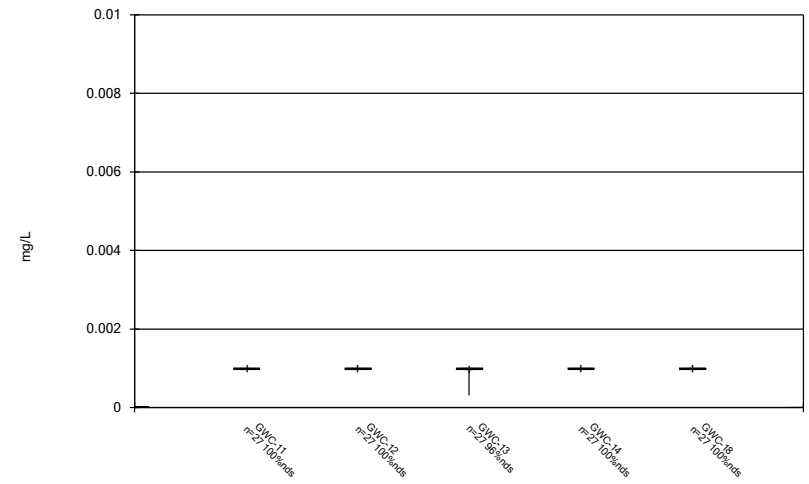
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 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



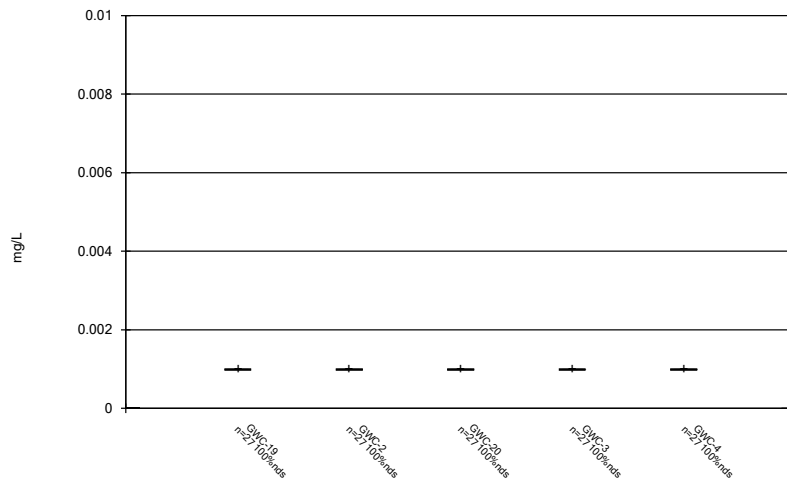
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



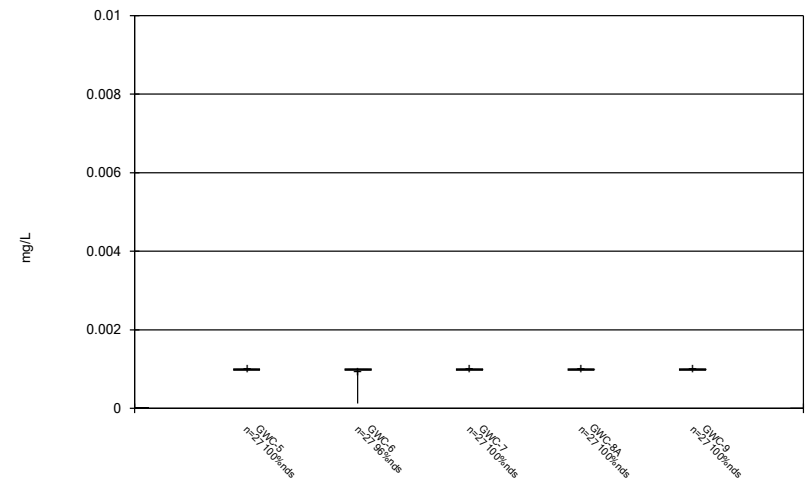
Constituent: Silver Analysis Run 7/6/2022 8:07 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



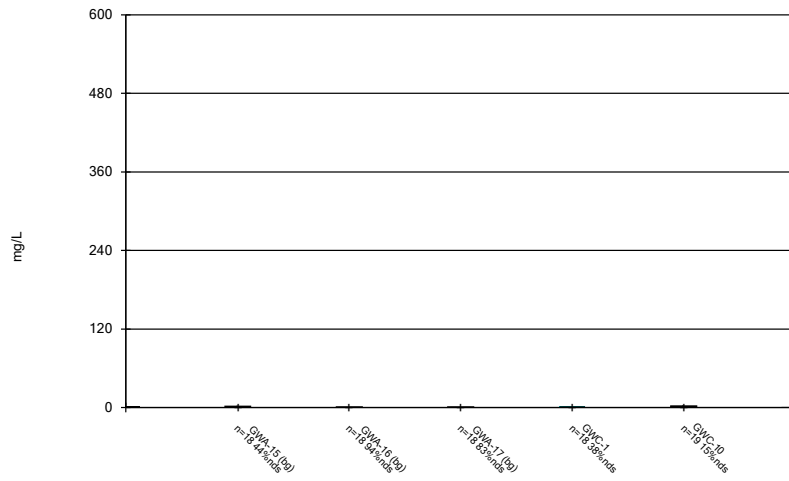
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



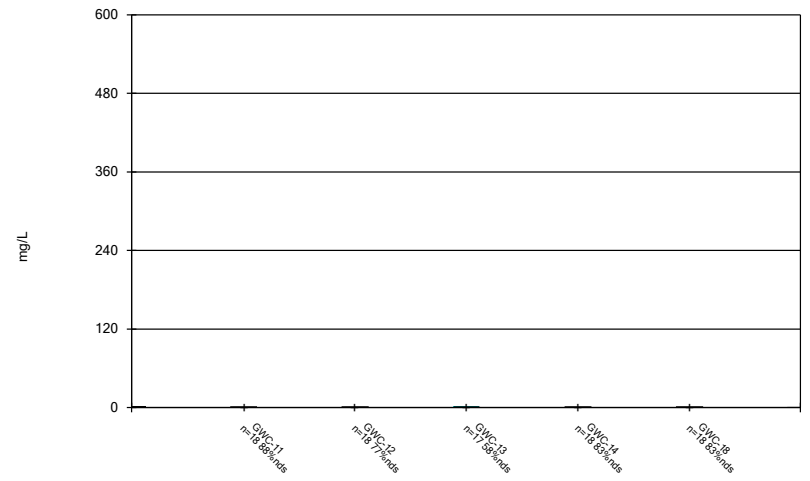
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



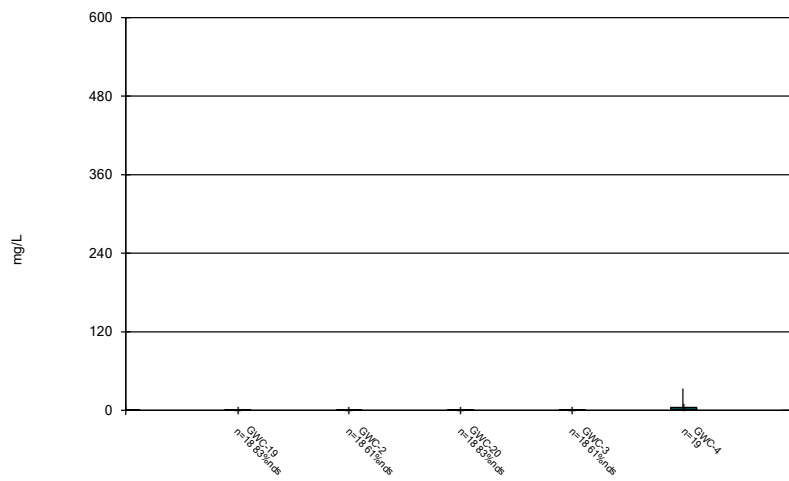
Constituent: Sulfate Analysis Run 7/6/2022 8:07 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



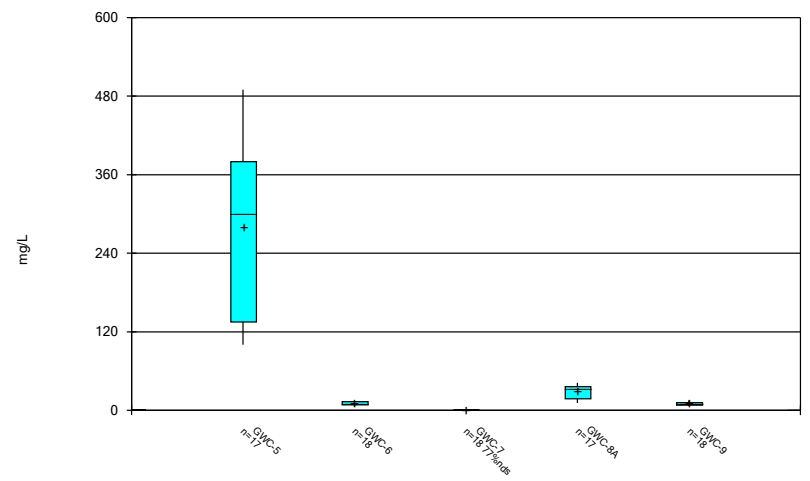
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



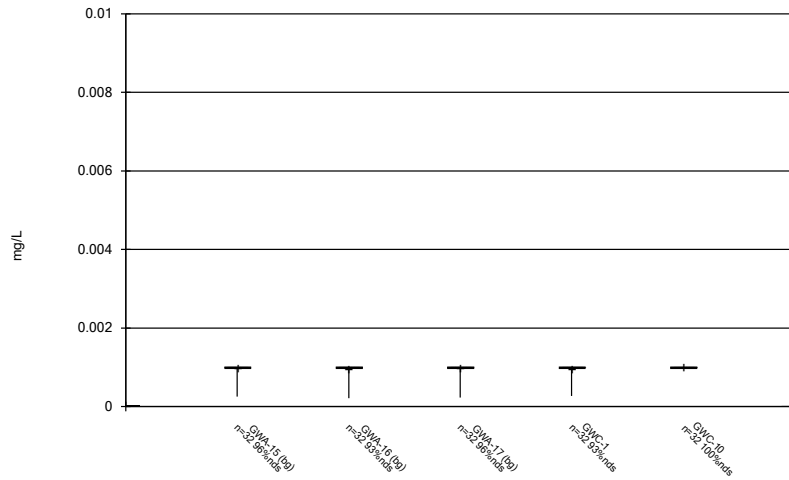
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



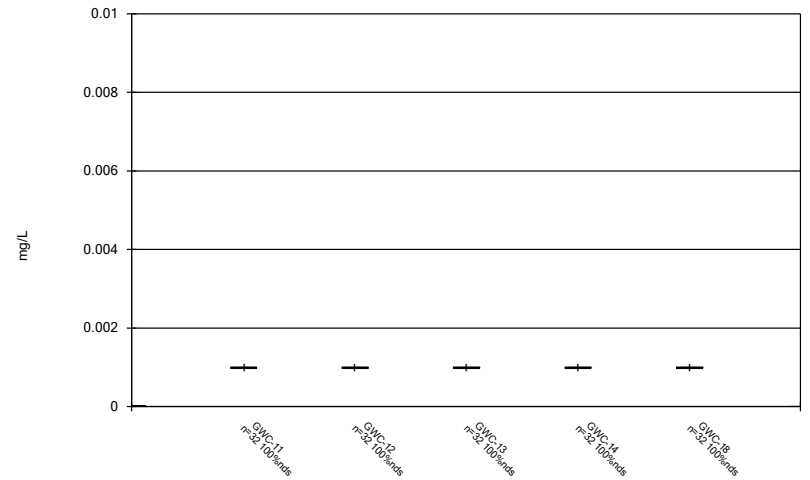
Constituent: Sulfate Analysis Run 7/6/2022 8:07 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



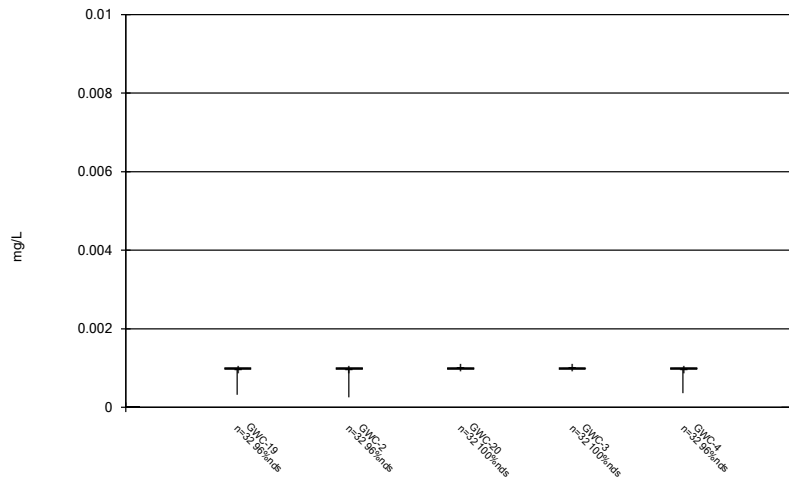
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



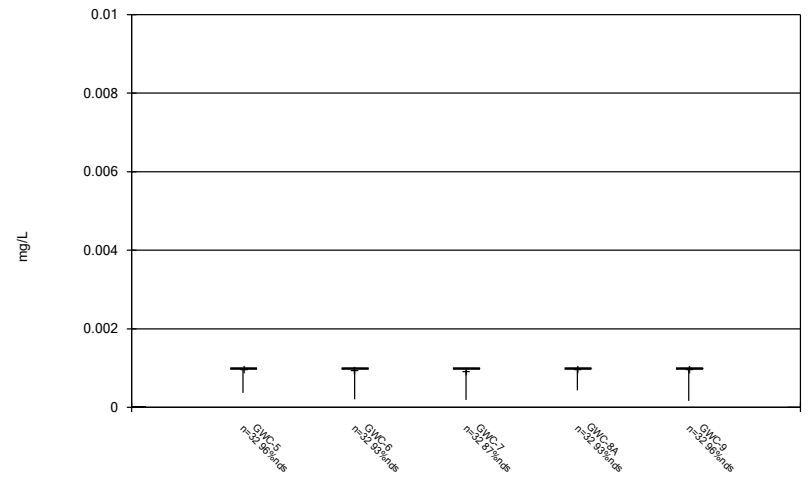
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



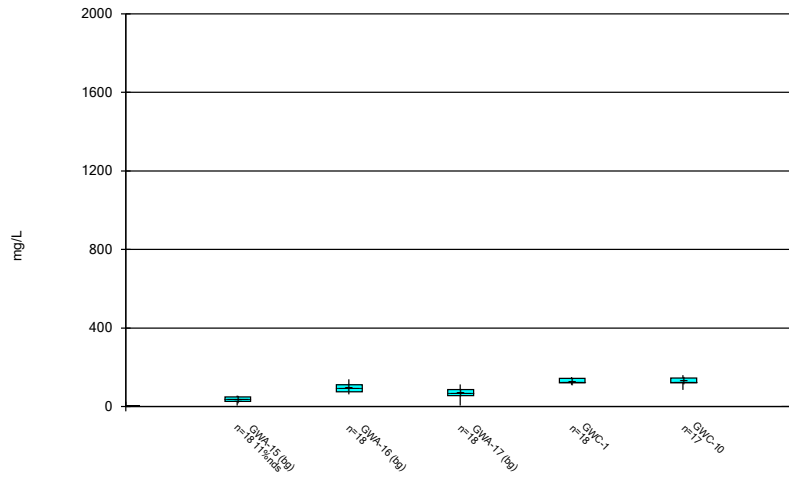
Constituent: Thallium, Total Analysis Run 7/6/2022 8:07 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



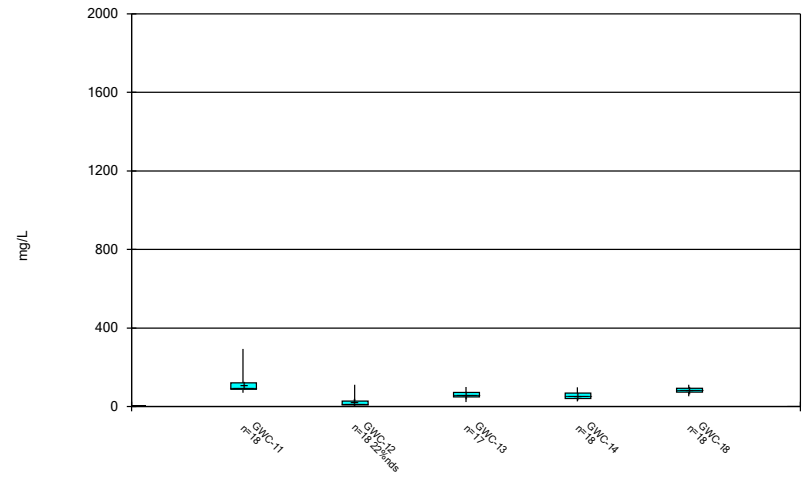
Constituent: Thallium, Total Analysis Run 7/6/2022 8:07 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



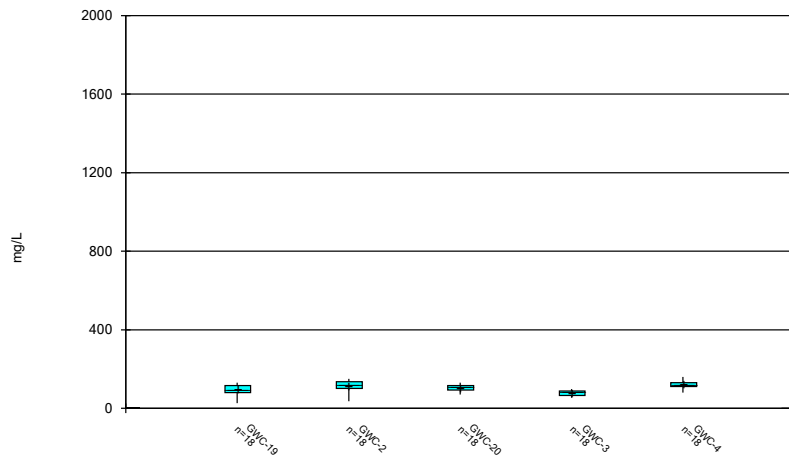
Constituent: Total Dissolved Solids Analysis Run 7/6/2022 8:07 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



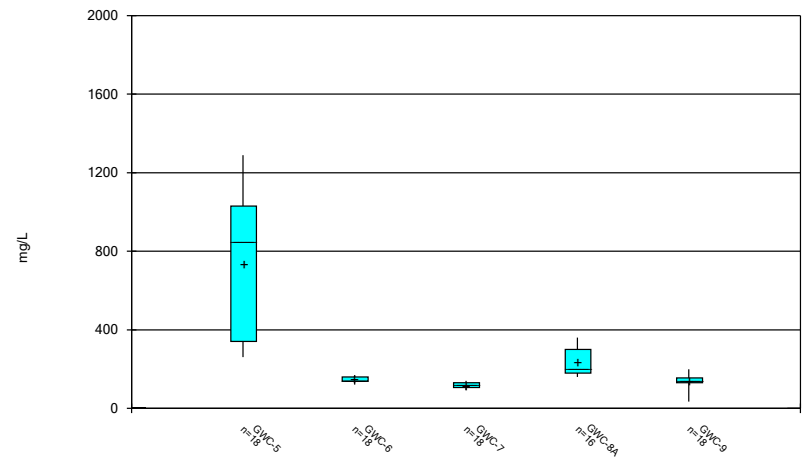
Constituent: Total Dissolved Solids Analysis Run 7/6/2022 8:07 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



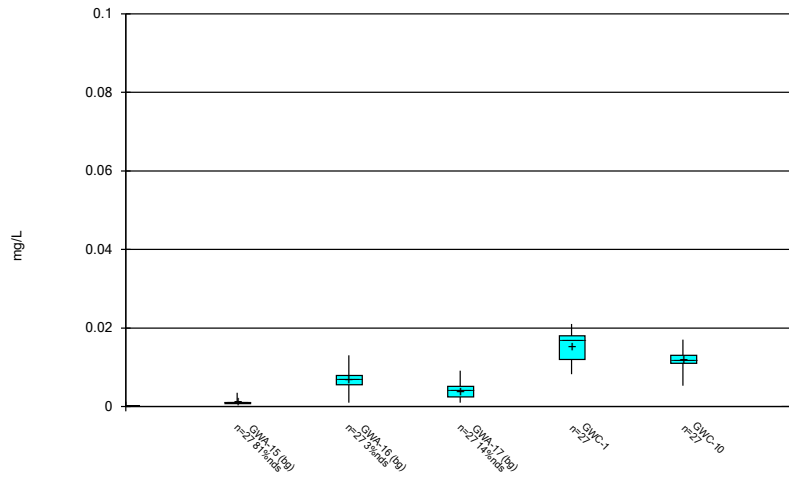
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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



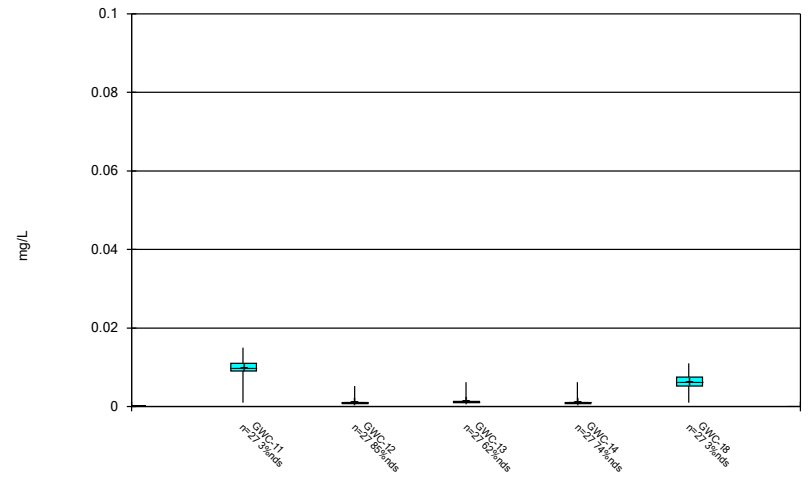
Constituent: Total Dissolved Solids Analysis Run 7/6/2022 8:07 AM
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



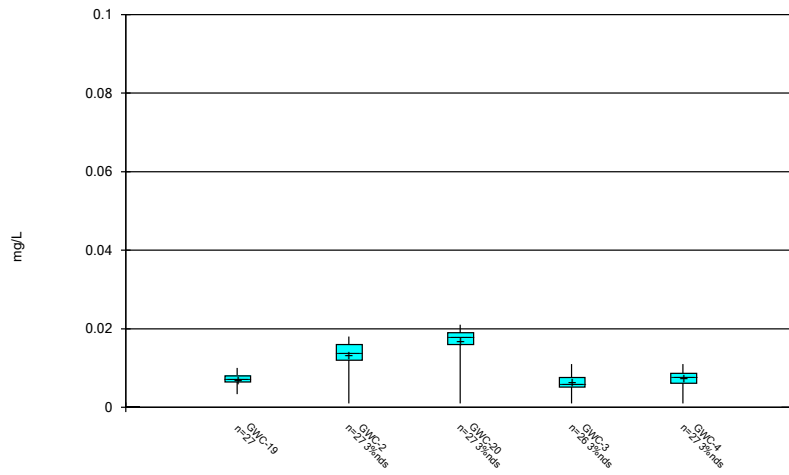
Constituent: Vanadium Analysis Run 7/6/2022 8:07 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



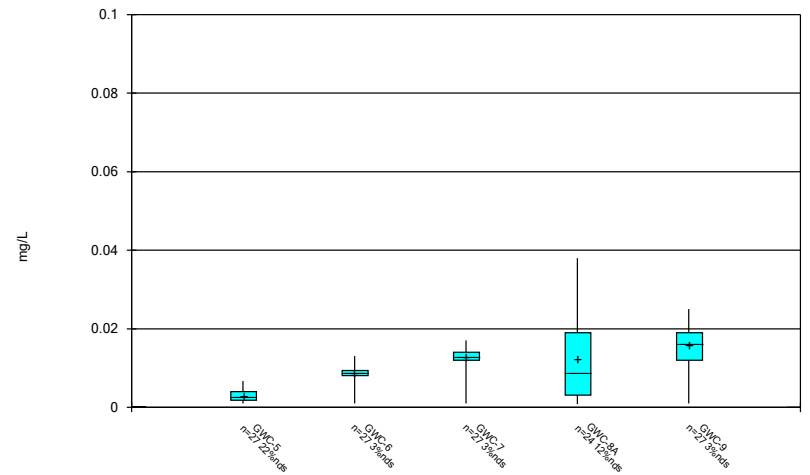
Constituent: Vanadium Analysis Run 7/6/2022 8:07 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



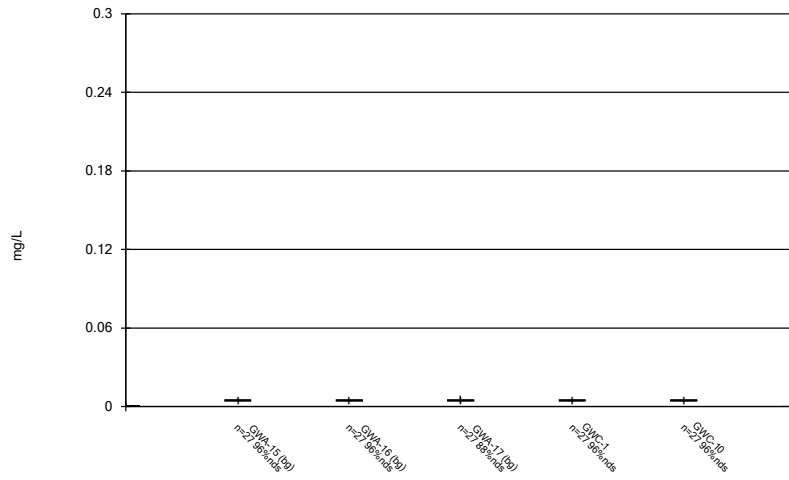
Constituent: Vanadium Analysis Run 7/6/2022 8:07 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



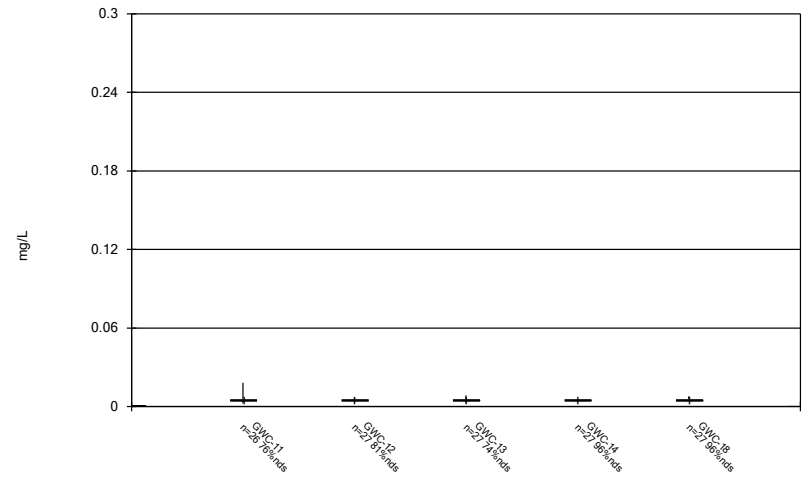
Constituent: Vanadium Analysis Run 7/6/2022 8:07 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



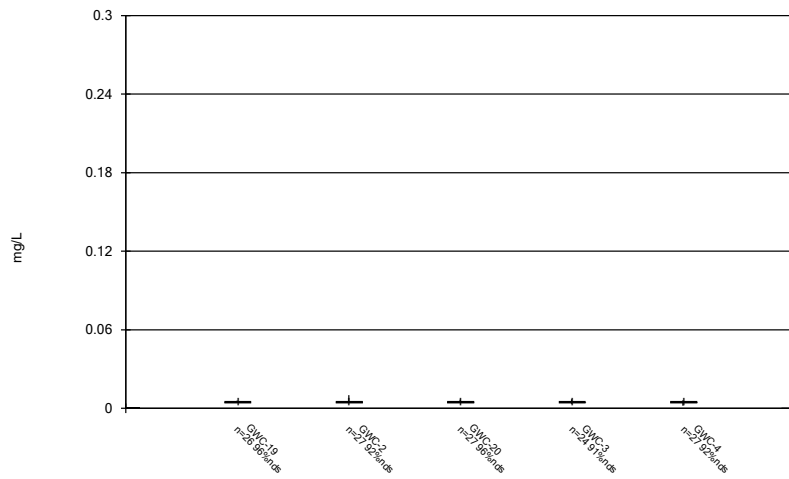
Constituent: Zinc Analysis Run 7/6/2022 8:07 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



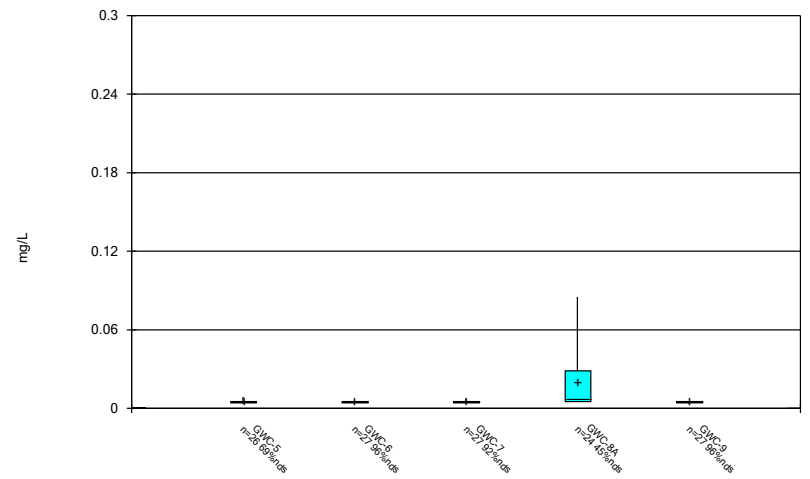
Constituent: Zinc Analysis Run 7/6/2022 8:07 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



Constituent: Zinc Analysis Run 7/6/2022 8:07 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Box & Whiskers Plot



Constituent: Zinc Analysis Run 7/6/2022 8:07 AM
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

FIGURE C.

Outlier Summary

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 4/8/2022, 9:28 AM

	GWC-3 Zinc (mg/L)	GWC-5 Zinc (mg/L)	GWC-8A Zinc (mg/L)
5/11/2010	0.018 (O)		
6/18/2010			
7/28/2010	0.016 (O)		
9/7/2010			
4/28/2011			
4/29/2011			
4/30/2011		0.13 (O)	
10/28/2011			
5/3/2012			
5/10/2013		0.23 (O)	
11/13/2014		0.13 (O)	
5/22/2015			
5/23/2015			
5/24/2015			
4/6/2016			
4/19/2016		0.0133 (O)	
6/21/2016			
10/5/2016	0.01 (O)		
10/10/2016			
2/7/2017			
2/8/2017			
4/6/2017			
3/20/2018			
3/22/2018			
10/2/2018			
3/18/2020			

FIGURE D.

Appendix I Intrawell Prediction Limits - Significant Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 4/8/2022, 9:48 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NBg	Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method
Barium, Total (mg/L)	GWC-10	0.03499	n/a	2/15/2022	0.036	Yes	25	0.02434	0.004121	8	None	No	0.0001937	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-19	0.01999	n/a	2/16/2022	0.027	Yes	25	9.0e-8	2.7e-8	4	None	x^4	0.0001937	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-4	0.05318	n/a	2/15/2022	0.055	Yes	29	0.0383	0.005897	0	None	No	0.0001937	Param Intra 1 of 2
Cobalt, Total (mg/L)	GWA-15	0.0025	n/a	2/15/2022	0.0029	Yes	28	n/a	n/a	53.57	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 4/8/2022, 9:48 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Obsrv.	Sig.	Bg	NBg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Antimony, Total (mg/L)	GWA-16	0.002	n/a	2/15/2022	0.002ND	No	29	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Antimony, Total (mg/L)	GWC-12	0.002	n/a	2/16/2022	0.002ND	No	29	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Antimony, Total (mg/L)	GWC-18	0.002	n/a	2/16/2022	0.002ND	No	29	n/a	n/a	93.1	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Antimony, Total (mg/L)	GWC-19	0.002	n/a	2/16/2022	0.002ND	No	29	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Antimony, Total (mg/L)	GWC-2	0.002	n/a	2/15/2022	0.002ND	No	29	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Antimony, Total (mg/L)	GWC-3	0.002	n/a	2/15/2022	0.002ND	No	29	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Antimony, Total (mg/L)	GWC-7	0.002	n/a	2/15/2022	0.002ND	No	29	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Barium, Total (mg/L)	GWA-15	0.01222	n/a	2/15/2022	0.012	No	29	1.0e-6	3.3e-7	3.448	None	x^3	0.0001937	Param Intra 1 of 2
Barium, Total (mg/L)	GWA-16	0.039	n/a	2/15/2022	0.024	No	29	n/a	n/a	0	n/a	n/a	0.002172	NP Intra (normality) 1 of 2
Barium, Total (mg/L)	GWA-17	0.05168	n/a	2/15/2022	0.031	No	29	0.03311	0.007355	3.448	None	No	0.0001937	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-1	0.05736	n/a	2/15/2022	0.052	No	29	0.04657	0.004275	0	None	No	0.0001937	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-10	0.03499	n/a	2/15/2022	0.036	Yes	25	0.02434	0.004121	8	None	No	0.0001937	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-11	0.02014	n/a	2/16/2022	0.018	No	29	0.000004282	0.000001538	6.897	None	x^3	0.0001937	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-12	0.02024	n/a	2/16/2022	0.018	No	29	0.0002401	0.00006713	6.897	None	x^2	0.0001937	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-13	0.04187	n/a	2/16/2022	0.035	No	25	0.3096	0.01457	0	None	x^(1/3)	0.0001937	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-14	0.01121	n/a	2/16/2022	0.011	No	27	8.3e-7	2.3e-7	3.704	None	x^3	0.0001937	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-18	0.04194	n/a	2/16/2022	0.034	No	29	0.0000432	0.00001211	3.448	None	x^3	0.0001937	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-19	0.01999	n/a	2/16/2022	0.027	Yes	25	9.0e-8	2.7e-8	4	None	x^4	0.0001937	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-2	0.05512	n/a	2/15/2022	0.048	No	29	0.04531	0.003886	0	None	No	0.0001937	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-20	0.03633	n/a	2/16/2022	0.03	No	29	0.00002787	0.00000795	3.448	None	x^3	0.0001937	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-3	0.039	n/a	2/15/2022	0.013	No	28	n/a	n/a	3.571	n/a	n/a	0.002337	NP Intra (normality) 1 of 2
Barium, Total (mg/L)	GWC-4	0.05318	n/a	2/15/2022	0.055	Yes	29	0.0383	0.005897	0	None	No	0.0001937	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-5	0.1279	n/a	2/15/2022	0.038	No	29	0.1968	0.06373	0	None	sqrt(x)	0.0001937	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-6	0.06608	n/a	2/15/2022	0.057	No	29	0.05388	0.004831	0	None	No	0.0001937	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-7	0.04238	n/a	2/15/2022	0.035	No	29	0.03227	0.004007	0	None	No	0.0001937	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-8A	0.1198	n/a	2/15/2022	0.048	No	29	0.2032	0.05658	0	None	sqrt(x)	0.0001937	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-9	0.03624	n/a	2/15/2022	0.023	No	29	0.02271	0.005359	3.448	None	No	0.0001937	Param Intra 1 of 2
Beryllium, Total (mg/L)	GWA-17	0.0025	n/a	2/15/2022	0.0025ND	No	29	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Beryllium, Total (mg/L)	GWC-5	0.0025	n/a	2/15/2022	0.0025ND	No	29	n/a	n/a	100	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Beryllium, Total (mg/L)	GWC-7	0.0025	n/a	2/15/2022	0.0025ND	No	29	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Beryllium, Total (mg/L)	GWC-8A	0.0025	n/a	2/15/2022	0.0025ND	No	29	n/a	n/a	100	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Cadmium, Total (mg/L)	GWA-17	0.0025	n/a	2/15/2022	0.0025ND	No	29	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Cadmium, Total (mg/L)	GWC-11	0.0025	n/a	2/16/2022	0.0025ND	No	29	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Cadmium, Total (mg/L)	GWC-2	0.0025	n/a	2/15/2022	0.0025ND	No	29	n/a	n/a	100	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Cadmium, Total (mg/L)	GWC-8A	0.0025	n/a	2/15/2022	0.0025ND	No	29	n/a	n/a	75.86	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Chromium, Total (mg/L)	GWA-15	0.0036	n/a	2/15/2022	0.002ND	No	29	n/a	n/a	93.1	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Chromium, Total (mg/L)	GWA-16	0.008833	n/a	2/15/2022	0.0056	No	29	0.06962	0.009652	3.448	None	sqrt(x)	0.0001937	Param Intra 1 of 2
Chromium, Total (mg/L)	GWA-17	0.0117	n/a	2/15/2022	0.0084	No	29	0.007027	0.001851	3.448	None	No	0.0001937	Param Intra 1 of 2
Chromium, Total (mg/L)	GWC-1	0.01967	n/a	2/15/2022	0.011	No	29	0.01183	0.003104	0	None	No	0.0001937	Param Intra 1 of 2
Chromium, Total (mg/L)	GWC-10	0.02162	n/a	2/15/2022	0.021	No	25	0.01381	0.003022	0	None	No	0.0001937	Param Intra 1 of 2
Chromium, Total (mg/L)	GWC-11	0.012	n/a	2/16/2022	0.0074	No	29	n/a	n/a	3.448	n/a	n/a	0.002172	NP Intra (normality) 1 of 2
Chromium, Total (mg/L)	GWC-12	0.0036	n/a	2/16/2022	0.002ND	No	29	n/a	n/a	41.38	n/a	n/a	0.002172	NP Intra (normality) 1 of 2
Chromium, Total (mg/L)	GWC-13	0.009035	n/a	2/16/2022	0.005	No	28	0.06874	0.01036	0	None	sqrt(x)	0.0001937	Param Intra 1 of 2
Chromium, Total (mg/L)	GWC-14	0.0038	n/a	2/16/2022	0.002ND	No	29	n/a	n/a	89.66	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Chromium, Total (mg/L)	GWC-18	0.02	n/a	2/16/2022	0.012	No	29	n/a	n/a	0	n/a	n/a	0.002172	NP Intra (normality) 1 of 2
Chromium, Total (mg/L)	GWC-19	0.01516	n/a	2/16/2022	0.011	No	29	0.009037	0.002426	3.448	None	No	0.0001937	Param Intra 1 of 2
Chromium, Total (mg/L)	GWC-2	0.01406	n/a	2/15/2022	0.011	No	29	0.009993	0.00161	6.897	None	No	0.0001937	Param Intra 1 of 2
Chromium, Total (mg/L)	GWC-20	0.01426	n/a	2/16/2022	0.0081	No	29	0.009105	0.002041	6.897	None	No	0.0001937	Param Intra 1 of 2
Chromium, Total (mg/L)	GWC-3	0.022	n/a	2/15/2022	0.0076	No	28	n/a	n/a	3.571	n/a	n/a	0.002337	NP Intra (normality) 1 of 2
Chromium, Total (mg/L)	GWC-4	0.01042	n/a	2/15/2022	0.0041	No	29	0.006141	0.001695	3.448	None	No	0.0001937	Param Intra 1 of 2
Chromium, Total (mg/L)	GWC-5	0.01111	n/a	2/15/2022	0.0061	No	29	-5.492	0.393	3.448	None	ln(x)	0.0001937	Param Intra 1 of 2
Chromium, Total (mg/L)	GWC-6	0.012	n/a	2/15/2022	0.0046	No	29	n/a	n/a	6.897	n/a	n/a	0.002172	NP Intra (normality) 1 of 2
Chromium, Total (mg/L)	GWC-7	0.01648	n/a	2/15/2022	0.0088	No	29	-4.614	0.2014	0	None	ln(x)	0.0001937	Param Intra 1 of 2
Chromium, Total (mg/L)	GWC-8A	0.023	n/a	2/15/2022	0.002ND	No	28	n/a	n/a	39.29	n/a	n/a	0.002337	NP Intra (normality) 1 of 2
Chromium, Total (mg/L)	GWC-9	0.01258	n/a	2/15/2022	0.0079	No	29	0.007675	0.001942	3.448	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-CCR Printed 4/8/2022, 9:48 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	N Bg	Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method
Cobalt, Total (mg/L)	GWA-15	0.0025	n/a	2/15/2022	0.0029	Yes	28	n/a	n/a	n/a	53.57	n/a	n/a	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWA-16	0.0025	n/a	2/15/2022	0.0025ND	No	28	n/a	n/a	n/a	89.29	n/a	n/a	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWA-17	0.0025	n/a	2/15/2022	0.0025ND	No	29	n/a	n/a	n/a	89.66	n/a	n/a	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-1	0.0025	n/a	2/15/2022	0.0025ND	No	29	n/a	n/a	n/a	96.55	n/a	n/a	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-11	0.0025	n/a	2/16/2022	0.0025ND	No	29	n/a	n/a	n/a	96.55	n/a	n/a	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-12	0.00057	n/a	2/16/2022	0.00033J	No	29	n/a	n/a	n/a	72.41	n/a	n/a	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-18	0.0025	n/a	2/16/2022	0.0025ND	No	28	n/a	n/a	n/a	89.29	n/a	n/a	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-19	0.0025	n/a	2/16/2022	0.0025ND	No	29	n/a	n/a	n/a	93.1	n/a	n/a	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-2	0.0025	n/a	2/15/2022	0.0025ND	No	29	n/a	n/a	n/a	96.55	n/a	n/a	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-20	0.0025	n/a	2/16/2022	0.0025ND	No	29	n/a	n/a	n/a	82.76	n/a	n/a	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-3	0.0025	n/a	2/15/2022	0.0025ND	No	27	n/a	n/a	n/a	77.78	n/a	n/a	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-4	0.0025	n/a	2/15/2022	0.0025ND	No	29	n/a	n/a	n/a	82.76	n/a	n/a	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-5	0.0025	n/a	2/15/2022	0.0025ND	No	29	n/a	n/a	n/a	96.55	n/a	n/a	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-6	0.0025	n/a	2/15/2022	0.0025ND	No	29	n/a	n/a	n/a	93.1	n/a	n/a	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-7	0.0025	n/a	2/15/2022	0.0025ND	No	29	n/a	n/a	n/a	86.21	n/a	n/a	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-8A	0.0046	n/a	2/15/2022	0.0037	No	26	n/a	n/a	n/a	50	n/a	n/a	NP Intra (normality) 1 of 2
Cobalt, Total (mg/L)	GWC-9	0.0025	n/a	2/15/2022	0.0025ND	No	29	n/a	n/a	n/a	93.1	n/a	n/a	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-16	0.002	n/a	2/15/2022	0.002ND	No	24	n/a	n/a	n/a	95.83	n/a	n/a	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-17	0.002	n/a	2/15/2022	0.002ND	No	24	n/a	n/a	n/a	95.83	n/a	n/a	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-1	0.002	n/a	2/15/2022	0.0013J	No	24	n/a	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-11	0.0021	n/a	2/16/2022	0.002ND	No	24	n/a	n/a	n/a	91.67	n/a	n/a	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-13	0.0024	n/a	2/16/2022	0.002ND	No	24	n/a	n/a	n/a	95.83	n/a	n/a	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-14	0.0021	n/a	2/16/2022	0.002ND	No	24	n/a	n/a	n/a	95.83	n/a	n/a	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-18	0.0025	n/a	2/16/2022	0.002ND	No	24	n/a	n/a	n/a	83.33	n/a	n/a	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-2	0.002	n/a	2/15/2022	0.0013J	No	24	n/a	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-20	0.0021	n/a	2/16/2022	0.002ND	No	23	n/a	n/a	n/a	95.65	n/a	n/a	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-3	0.0042	n/a	2/15/2022	0.0013J	No	23	n/a	n/a	n/a	78.26	n/a	n/a	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-4	0.0039	n/a	2/15/2022	0.0011J	No	24	n/a	n/a	n/a	50	n/a	n/a	NP Intra (normality) 1 of 2
Copper (mg/L)	GWC-6	0.0037	n/a	2/15/2022	0.002ND	No	24	n/a	n/a	n/a	83.33	n/a	n/a	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-7	0.0026	n/a	2/15/2022	0.002ND	No	23	n/a	n/a	n/a	73.91	n/a	n/a	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-8A	0.18	n/a	2/15/2022	0.002ND	No	24	n/a	n/a	n/a	33.33	n/a	n/a	NP Intra (normality) 1 of 2
Copper (mg/L)	GWC-9	0.0038	n/a	2/15/2022	0.002ND	No	24	n/a	n/a	n/a	91.67	n/a	n/a	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWA-16	0.001	n/a	2/15/2022	0.001ND	No	15	n/a	n/a	n/a	93.33	n/a	n/a	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWA-17	0.001	n/a	2/15/2022	0.001ND	No	15	n/a	n/a	n/a	93.33	n/a	n/a	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-1	0.001	n/a	2/15/2022	0.001ND	No	15	n/a	n/a	n/a	86.67	n/a	n/a	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-10	0.001	n/a	2/15/2022	0.001ND	No	15	n/a	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-11	0.0017	n/a	2/16/2022	0.001ND	No	15	n/a	n/a	n/a	86.67	n/a	n/a	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-13	0.001	n/a	2/16/2022	0.001ND	No	15	n/a	n/a	n/a	93.33	n/a	n/a	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-14	0.001	n/a	2/16/2022	0.001ND	No	15	n/a	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-18	0.001	n/a	2/16/2022	0.001ND	No	15	n/a	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-19	0.0015	n/a	2/16/2022	0.001ND	No	15	n/a	n/a	n/a	86.67	n/a	n/a	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-2	0.001	n/a	2/15/2022	0.001ND	No	15	n/a	n/a	n/a	93.33	n/a	n/a	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-20	0.001	n/a	2/16/2022	0.001ND	No	15	n/a	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-3	0.001	n/a	2/15/2022	0.001ND	No	15	n/a	n/a	n/a	93.33	n/a	n/a	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-4	0.001	n/a	2/15/2022	0.001ND	No	15	n/a	n/a	n/a	93.33	n/a	n/a	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-5	0.001	n/a	2/15/2022	0.001ND	No	15	n/a	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-6	0.001	n/a	2/15/2022	0.001ND	No	15	n/a	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-7	0.001	n/a	2/15/2022	0.001ND	No	15	n/a	n/a	n/a	93.33	n/a	n/a	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-8A	0.0012	n/a	2/15/2022	0.001ND	No	15	n/a	n/a	n/a	86.67	n/a	n/a	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-9	0.001	n/a	2/15/2022	0.001ND	No	15	n/a	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-15	0.0002	n/a	2/15/2022	0.0002ND	No	29	n/a	n/a	n/a	93.1	n/a	n/a	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-16	0.0002	n/a	2/15/2022	0.0002ND	No	29	n/a	n/a	n/a	89.66	n/a	n/a	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-17	0.0002	n/a	2/15/2022	0.0002ND	No	29	n/a	n/a	n/a	89.66	n/a	n/a	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-1	0.0002	n/a	2/15/2022	0.0002ND	No	29	n/a	n/a	n/a	93.1	n/a	n/a	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-10	0.0002	n/a	2/15/2022	0.0002ND	No	29	n/a	n/a	n/a	89.66	n/a	n/a	NP Intra (NDs) 1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 4/8/2022, 9:48 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	N Bg	Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method	
Mercury (mg/L)	GWC-11	0.0002	n/a	2/16/2022	0.0002ND	No	29	n/a	n/a	n/a	93.1	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-13	0.0002	n/a	2/16/2022	0.0002ND	No	29	n/a	n/a	n/a	93.1	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-14	0.0002	n/a	2/16/2022	0.0002ND	No	29	n/a	n/a	n/a	93.1	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-18	0.0002	n/a	2/16/2022	0.0002ND	No	29	n/a	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-19	0.0002	n/a	2/16/2022	0.0002ND	No	29	n/a	n/a	n/a	93.1	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-2	0.0002	n/a	2/15/2022	0.0002ND	No	29	n/a	n/a	n/a	93.1	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-20	0.0002	n/a	2/16/2022	0.00015J	No	29	n/a	n/a	n/a	89.66	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-3	0.0002	n/a	2/15/2022	0.0002ND	No	29	n/a	n/a	n/a	89.66	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-4	0.0002	n/a	2/15/2022	0.0002ND	No	29	n/a	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-5	0.0002	n/a	2/15/2022	0.0002ND	No	29	n/a	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-6	0.0002	n/a	2/15/2022	0.0002ND	No	29	n/a	n/a	n/a	89.66	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-7	0.0002	n/a	2/15/2022	0.0002ND	No	29	n/a	n/a	n/a	89.66	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-8A	0.0002	n/a	2/15/2022	0.0002ND	No	29	n/a	n/a	n/a	82.76	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-9	0.0002	n/a	2/15/2022	0.0002ND	No	29	n/a	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-15	0.00202	n/a	2/15/2022	0.00065J	No	24	n/a	n/a	n/a	83.33	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-16	0.001	n/a	2/15/2022	0.001ND	No	23	n/a	n/a	n/a	95.65	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-17	0.0012	n/a	2/15/2022	0.001ND	No	24	n/a	n/a	n/a	91.67	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-1	0.0018	n/a	2/15/2022	0.00052J	No	23	n/a	n/a	n/a	86.96	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-10	0.00271	n/a	2/15/2022	0.0022	No	24	n/a	n/a	n/a	79.17	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-11	0.0018	n/a	2/16/2022	0.0007J	No	24	n/a	n/a	n/a	87.5	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-12	0.0018	n/a	2/16/2022	0.00076J	No	24	n/a	n/a	n/a	87.5	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-13	0.001	n/a	2/16/2022	0.001ND	No	24	n/a	n/a	n/a	87.5	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-18	0.001	n/a	2/16/2022	0.001ND	No	23	n/a	n/a	n/a	86.96	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-19	0.0015	n/a	2/16/2022	0.001ND	No	23	n/a	n/a	n/a	86.96	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-2	0.0023	n/a	2/15/2022	0.0018	No	23	n/a	n/a	n/a	73.91	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-20	0.003	n/a	2/16/2022	0.00055J	No	23	n/a	n/a	n/a	78.26	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-3	0.0035	n/a	2/15/2022	0.0013	No	21	n/a	n/a	n/a	71.43	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-4	0.0036	n/a	2/15/2022	0.00076J	No	24	n/a	n/a	n/a	79.17	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-5	0.00268	n/a	2/15/2022	0.001	No	23	n/a	n/a	n/a	73.91	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-6	0.0053	n/a	2/15/2022	0.00089J	No	24	n/a	n/a	n/a	70.83	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-7	0.0044	n/a	2/15/2022	0.001ND	No	24	n/a	n/a	n/a	87.5	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-8A	0.0069	n/a	2/15/2022	0.0055	No	22	n/a	n/a	n/a	50	n/a	n/a	0.003707	NP Intra (normality) 1 of 2
Nickel (mg/L)	GWC-9	0.001	n/a	2/15/2022	0.001ND	No	24	n/a	n/a	n/a	91.67	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWA-15	0.005	n/a	2/15/2022	0.005ND	No	29	n/a	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWA-16	0.005	n/a	2/15/2022	0.005ND	No	29	n/a	n/a	n/a	89.66	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWA-17	0.005	n/a	2/15/2022	0.005ND	No	29	n/a	n/a	n/a	93.1	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-1	0.0053	n/a	2/15/2022	0.005ND	No	29	n/a	n/a	n/a	93.1	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-10	0.005	n/a	2/15/2022	0.005ND	No	29	n/a	n/a	n/a	93.1	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-11	0.005	n/a	2/16/2022	0.005ND	No	28	n/a	n/a	n/a	89.29	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-12	0.005	n/a	2/16/2022	0.005ND	No	29	n/a	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-14	0.0052	n/a	2/16/2022	0.005ND	No	29	n/a	n/a	n/a	93.1	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-18	0.005	n/a	2/16/2022	0.005ND	No	29	n/a	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-19	0.005	n/a	2/16/2022	0.005ND	No	29	n/a	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-2	0.005	n/a	2/15/2022	0.005ND	No	29	n/a	n/a	n/a	89.66	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-3	0.005	n/a	2/15/2022	0.005ND	No	29	n/a	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-4	0.005	n/a	2/15/2022	0.0013J	No	29	n/a	n/a	n/a	100	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-6	0.007	n/a	2/15/2022	0.005ND	No	29	n/a	n/a	n/a	75.86	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-7	0.0053	n/a	2/15/2022	0.005ND	No	29	n/a	n/a	n/a	93.1	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-8A	0.005	n/a	2/15/2022	0.005ND	No	29	n/a	n/a	n/a	86.21	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-9	0.0065	n/a	2/15/2022	0.005ND	No	29	n/a	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWA-15	0.001	n/a	2/15/2022	0.001ND	No	29	n/a	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWA-16	0.001	n/a	2/15/2022	0.001ND	No	29	n/a	n/a	n/a	93.1	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWA-17	0.001	n/a	2/15/2022	0.001ND	No	29	n/a	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWC-1	0.001	n/a	2/15/2022	0.001ND	No	29	n/a	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWC-19	0.001	n/a	2/16/2022	0.001ND	No	29	n/a	n/a	n/a	100	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2

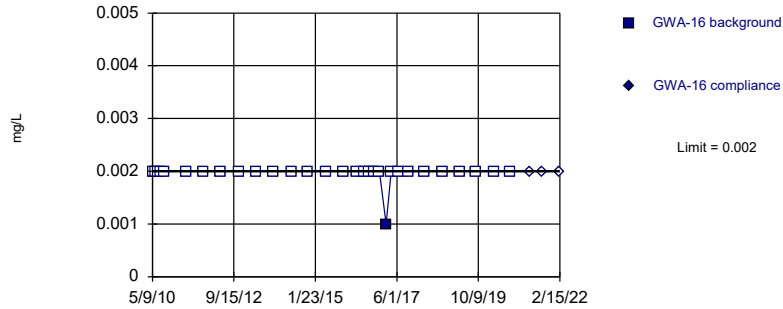
Appendix I Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 4/8/2022, 9:48 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NBg	Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method
Thallium, Total (mg/L)	GWC-2	0.001	n/a	2/15/2022	0.001ND	No	29	n/a	n/a	n/a	96.55	n/a	n/a	0.002172 NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWC-4	0.001	n/a	2/15/2022	0.001ND	No	29	n/a	n/a	n/a	96.55	n/a	n/a	0.002172 NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWC-5	0.001	n/a	2/15/2022	0.001ND	No	29	n/a	n/a	n/a	100	n/a	n/a	0.002172 NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWC-6	0.001	n/a	2/15/2022	0.001ND	No	29	n/a	n/a	n/a	100	n/a	n/a	0.002172 NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWC-7	0.001	n/a	2/15/2022	0.001ND	No	29	n/a	n/a	n/a	89.66	n/a	n/a	0.002172 NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWC-8A	0.001	n/a	2/15/2022	0.001ND	No	29	n/a	n/a	n/a	100	n/a	n/a	0.002172 NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWC-9	0.001	n/a	2/15/2022	0.001ND	No	29	n/a	n/a	n/a	100	n/a	n/a	0.002172 NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-15	0.0035	n/a	2/15/2022	0.001ND	No	24	n/a	n/a	n/a	79.17	n/a	n/a	0.003124 NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-16	0.01241	n/a	2/15/2022	0.0077	No	24	0.007244	0.001978	4.167	None	No	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWA-17	0.009964	n/a	2/15/2022	0.0052	No	24	0.06396	0.01374	16.67	Kaplan-Meiersqrt(x)	0.0001937	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-1	0.02568	n/a	2/15/2022	0.018	No	24	0.01527	0.003991	0	None	No	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-10	0.018	n/a	2/15/2022	0.012	No	24	0.01197	0.002311	0	None	No	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-11	0.01477	n/a	2/16/2022	0.0099	No	24	0.01047	0.001648	4.167	None	No	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-12	0.0052	n/a	2/16/2022	0.001ND	No	24	n/a	n/a	n/a	83.33	n/a	n/a	0.003124 NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-13	0.0062	n/a	2/16/2022	0.0011	No	24	n/a	n/a	n/a	70.83	n/a	n/a	0.003124 NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-14	0.0062	n/a	2/16/2022	0.00091J	No	24	n/a	n/a	n/a	83.33	n/a	n/a	0.003124 NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-18	0.01191	n/a	2/16/2022	0.0066	No	24	0.1875	0.01567	4.167	None	x^(1/3)	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-19	0.01075	n/a	2/16/2022	0.0068	No	24	0.007178	0.001371	0	None	No	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-2	0.02033	n/a	2/15/2022	0.016	No	24	0.01352	0.00261	4.167	None	No	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-20	0.02389	n/a	2/16/2022	0.018	No	24	0.01733	0.002514	4.167	None	No	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-3	0.01131	n/a	2/15/2022	0.0064	No	23	0.08012	0.009969	4.348	None	sqrt(x)	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-4	0.01219	n/a	2/15/2022	0.0059	No	24	0.007693	0.001725	4.167	None	No	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-5	0.006806	n/a	2/15/2022	0.0026	No	24	0.003039	0.001444	25	Kaplan-Meier	No	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-6	0.01371	n/a	2/15/2022	0.0094	No	24	0.008936	0.001829	4.167	None	No	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-7	0.01729	n/a	2/15/2022	0.013	No	24	0.0001713	0.0000489	4.167	None	x^2	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-8A	0.04443	n/a	2/15/2022	0.00079J	No	21	0.01412	0.01131	9.524	None	No	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-9	0.02794	n/a	2/15/2022	0.017	No	24	0.01653	0.004374	4.167	None	No	0.0001937	Param Intra 1 of 2
Zinc (mg/L)	GWA-15	0.006	n/a	2/15/2022	0.005ND	No	24	n/a	n/a	n/a	95.83	n/a	n/a	0.003124 NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-16	0.005	n/a	2/15/2022	0.005ND	No	24	n/a	n/a	n/a	95.83	n/a	n/a	0.003124 NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-17	0.0084	n/a	2/15/2022	0.005ND	No	24	n/a	n/a	n/a	87.5	n/a	n/a	0.003124 NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-1	0.005	n/a	2/15/2022	0.005ND	No	24	n/a	n/a	n/a	95.83	n/a	n/a	0.003124 NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-10	0.005	n/a	2/15/2022	0.005ND	No	24	n/a	n/a	n/a	95.83	n/a	n/a	0.003124 NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-11	0.018	n/a	2/16/2022	0.0034J	No	23	n/a	n/a	n/a	82.61	n/a	n/a	0.003415 NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-12	0.0065	n/a	2/16/2022	0.0032J	No	24	n/a	n/a	n/a	83.33	n/a	n/a	0.003124 NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-13	0.0085	n/a	2/16/2022	0.004J	No	24	n/a	n/a	n/a	79.17	n/a	n/a	0.003124 NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-14	0.005	n/a	2/16/2022	0.005ND	No	24	n/a	n/a	n/a	95.83	n/a	n/a	0.003124 NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-18	0.0077	n/a	2/16/2022	0.005ND	No	24	n/a	n/a	n/a	95.83	n/a	n/a	0.003124 NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-19	0.0059	n/a	2/16/2022	0.005ND	No	23	n/a	n/a	n/a	95.65	n/a	n/a	0.003415 NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-2	0.005	n/a	2/15/2022	0.005ND	No	24	n/a	n/a	n/a	95.83	n/a	n/a	0.003124 NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-20	0.0065	n/a	2/16/2022	0.005ND	No	24	n/a	n/a	n/a	95.83	n/a	n/a	0.003124 NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-3	0.0069	n/a	2/15/2022	0.005ND	No	21	n/a	n/a	n/a	95.24	n/a	n/a	0.003999 NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-4	0.006	n/a	2/15/2022	0.005ND	No	24	n/a	n/a	n/a	91.67	n/a	n/a	0.003124 NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-5	0.0089	n/a	2/15/2022	0.0034J	No	23	n/a	n/a	n/a	73.91	n/a	n/a	0.003415 NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-6	0.0062	n/a	2/15/2022	0.005ND	No	24	n/a	n/a	n/a	95.83	n/a	n/a	0.003124 NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-7	0.0074	n/a	2/15/2022	0.0037J	No	24	n/a	n/a	n/a	95.83	n/a	n/a	0.003124 NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-8A	0.085	n/a	2/15/2022	0.005ND	No	21	n/a	n/a	n/a	38.1	n/a	n/a	0.003999 NP Intra (normality) 1 of 2
Zinc (mg/L)	GWC-9	0.005	n/a	2/15/2022	0.005ND	No	24	n/a	n/a	n/a	95.83	n/a	n/a	0.003124 NP Intra (NDs) 1 of 2

Within Limit

Prediction Limit Intrawell Non-parametric

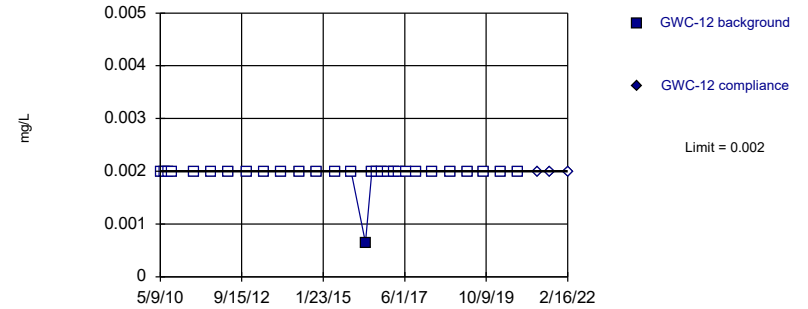


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 96.55% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Antimony, Total Analysis Run 4/8/2022 9:43 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

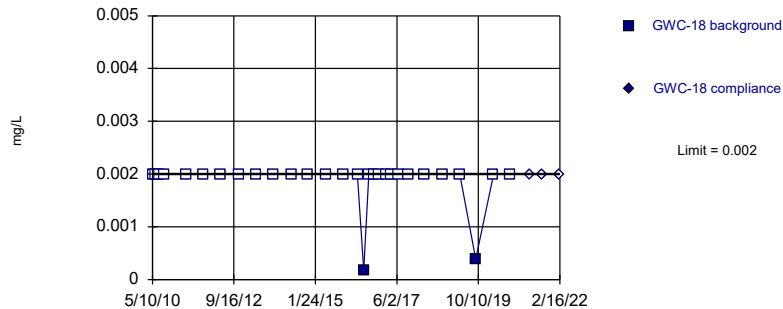


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 96.55% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Antimony, Total Analysis Run 4/8/2022 9:43 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

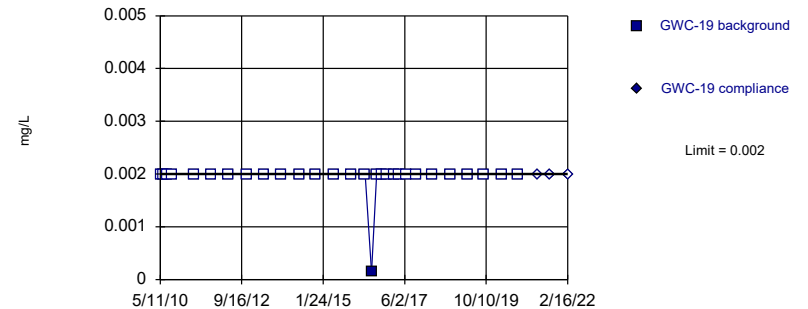


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 93.1% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Antimony, Total Analysis Run 4/8/2022 9:43 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

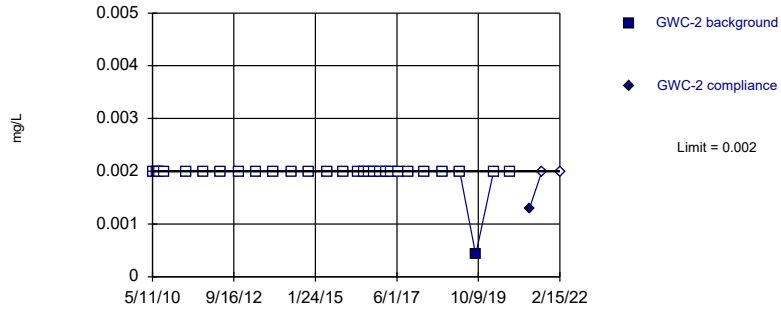


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 96.55% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Antimony, Total Analysis Run 4/8/2022 9:43 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

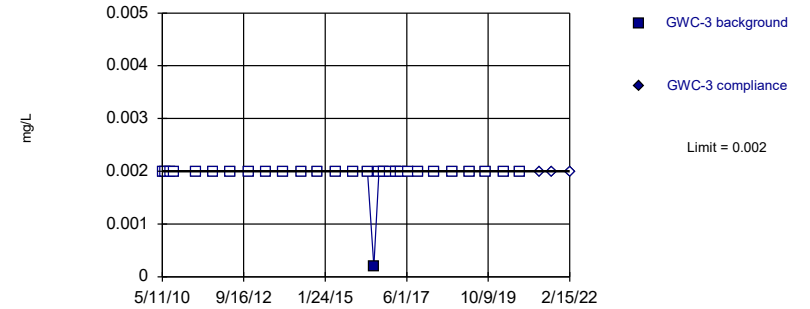


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 96.55% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Antimony, Total Analysis Run 4/8/2022 9:43 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

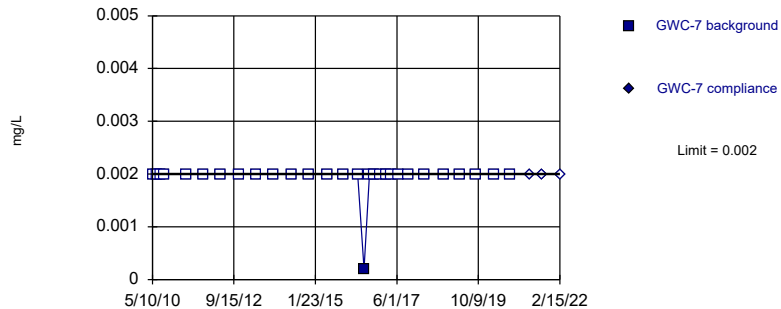


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 96.55% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Antimony, Total Analysis Run 4/8/2022 9:43 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

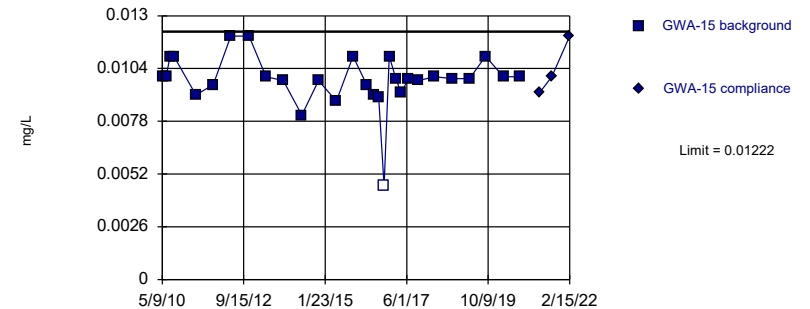


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 96.55% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Antimony, Total Analysis Run 4/8/2022 9:43 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

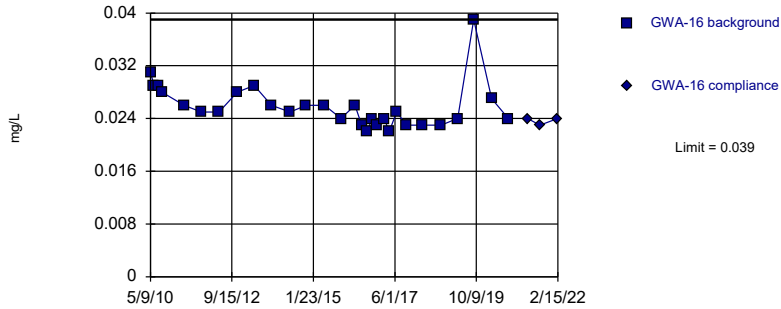


Background Data Summary (based on cube transformation): Mean=1.0e-6, Std. Dev.=3.3e-7, n=29, 3.448% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9129, critical = 0.898. Kappa = 2.524 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium, Total Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

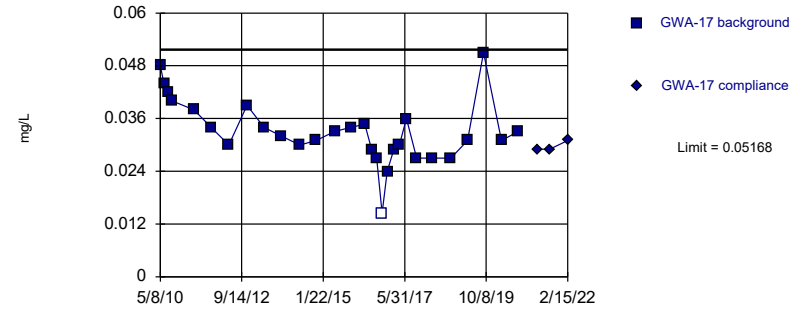


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 29 background values. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Barium, Total Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

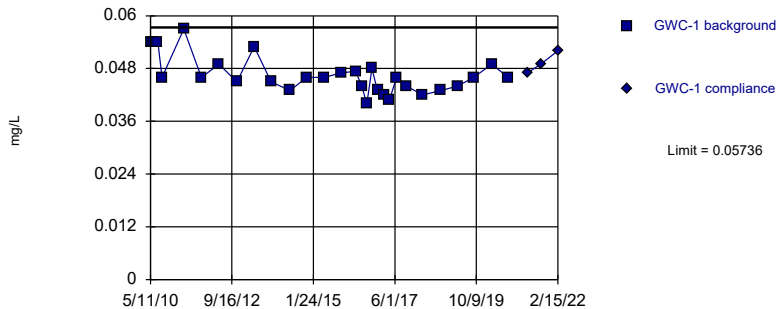


Background Data Summary: Mean=0.03311, Std. Dev.=0.007355, n=29, 3.448% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9538, critical = 0.898. Kappa = 2.524 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium, Total Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

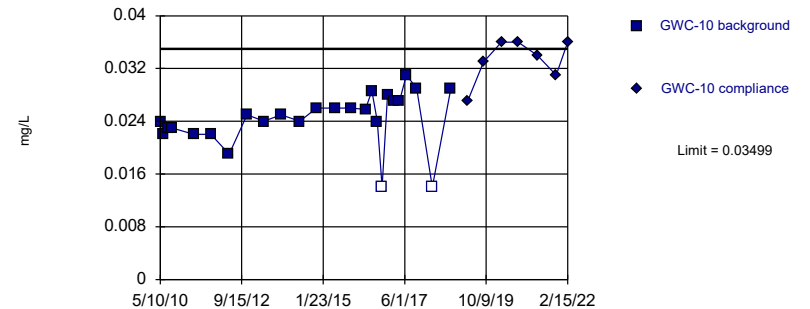


Background Data Summary: Mean=0.04657, Std. Dev.=0.004275, n=29. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9101, critical = 0.898. Kappa = 2.524 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium, Total Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Exceeds Limit

Prediction Limit
Intrawell Parametric

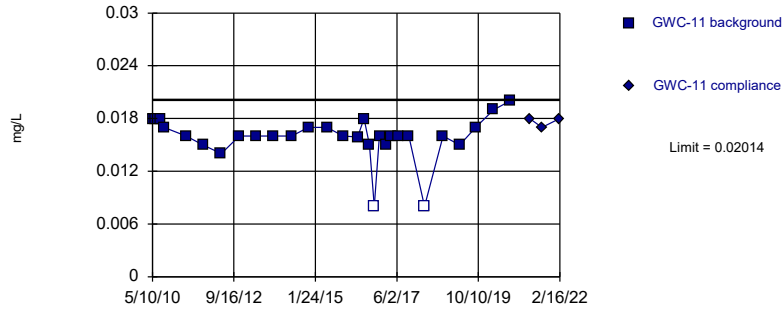


Background Data Summary: Mean=0.02434, Std. Dev.=0.004121, n=25, 8% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9043, critical = 0.888. Kappa = 2.585 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium, Total Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
 Intrawell Parametric

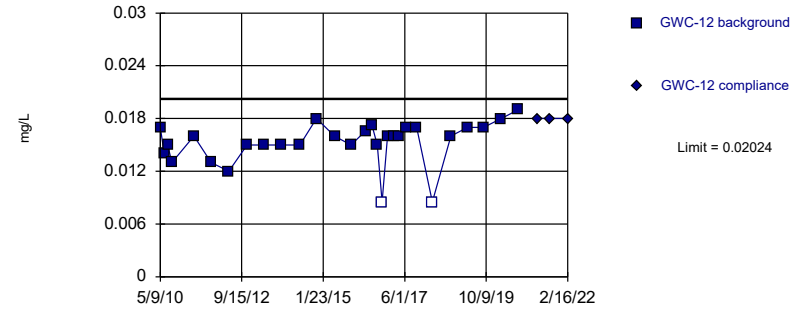


Background Data Summary (based on cube transformation): Mean=0.000004282, Std. Dev.=0.000001538, n=29, 6.897% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9008, critical = 0.898. Kappa = 2.524 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium, Total Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
 Intrawell Parametric

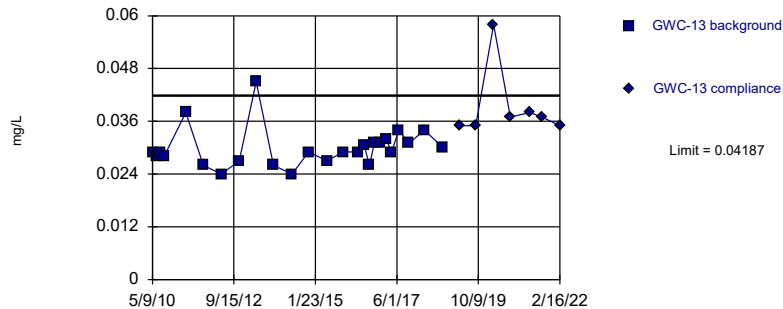


Background Data Summary (based on square transformation): Mean=0.0002401, Std. Dev.=0.00006713, n=29, 6.897% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9197, critical = 0.898. Kappa = 2.524 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium, Total Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
 Intrawell Parametric



Background Data Summary (based on cube root transformation): Mean=0.3096, Std. Dev.=0.01457, n=25, Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8937, critical = 0.888. Kappa = 2.585 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium, Total Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
 Intrawell Parametric

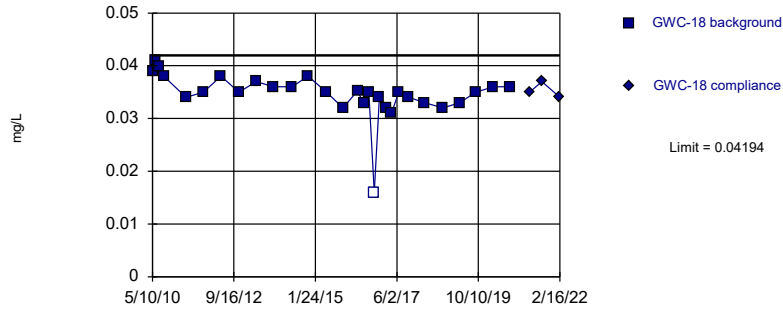


Background Data Summary (based on cube transformation): Mean=8.3e-7, Std. Dev.=2.3e-7, n=27, 3.704% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9, critical = 0.894. Kappa = 2.555 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium, Total Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
 Intrawell Parametric

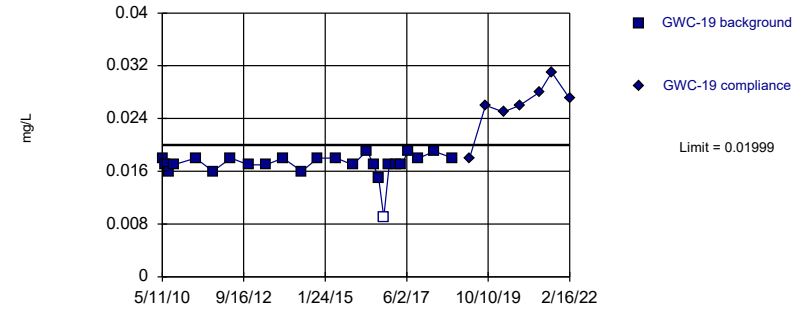


Background Data Summary (based on cube transformation): Mean=0.0000432, Std. Dev.=0.00001211, n=29, 3.448% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9278, critical = 0.898. Kappa = 2.524 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium, Total Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Exceeds Limit

Prediction Limit
 Intrawell Parametric

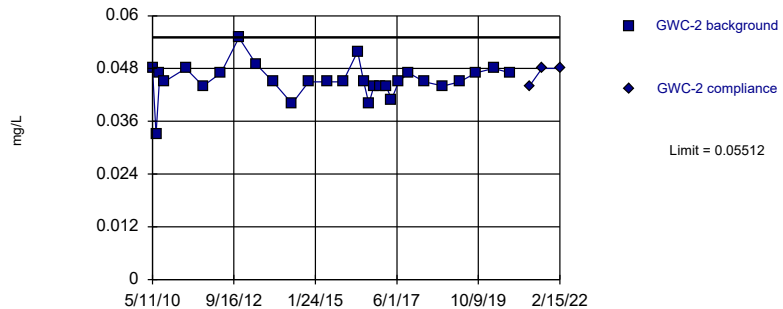


Background Data Summary (based on x^4 transformation): Mean=9.0e-8, Std. Dev.=2.7e-8, n=25, 4% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8905, critical = 0.888. Kappa = 2.585 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium, Total Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
 Intrawell Parametric

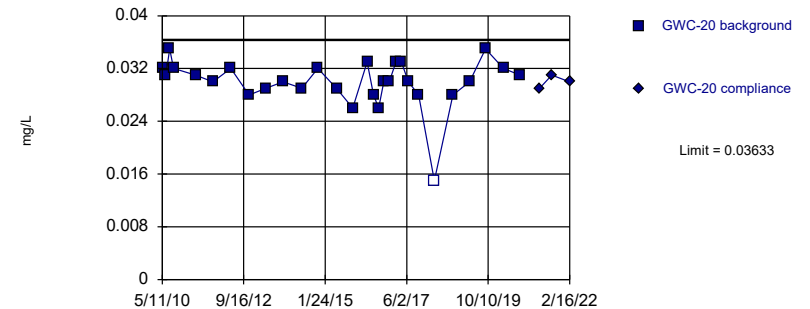


Background Data Summary: Mean=0.04531, Std. Dev.=0.003886, n=29. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8982, critical = 0.898. Kappa = 2.524 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium, Total Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
 Intrawell Parametric

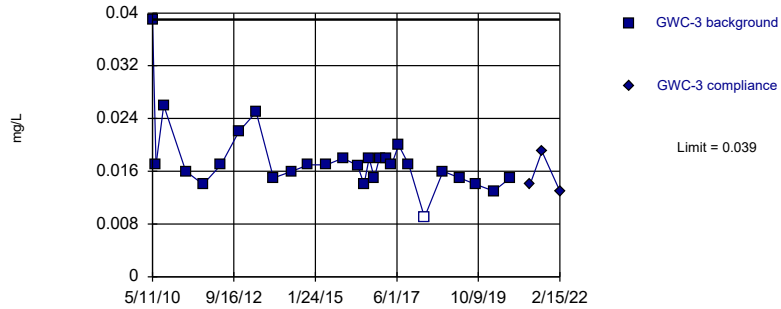


Background Data Summary (based on cube transformation): Mean=0.00002787, Std. Dev.=0.00000795, n=29, 3.448% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.943, critical = 0.898. Kappa = 2.524 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium, Total Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

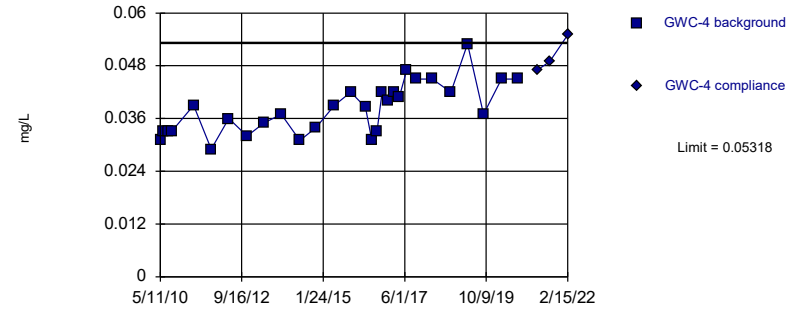


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 28 background values. 3.571% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Barium, Total Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Exceeds Limit

Prediction Limit
 Intrawell Parametric

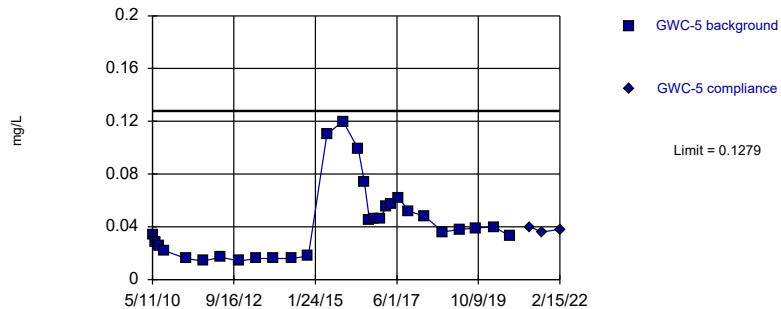


Background Data Summary: Mean=0.0383, Std. Dev.=0.005897, n=29. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9543, critical = 0.898. Kappa = 2.524 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium, Total Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
 Intrawell Parametric

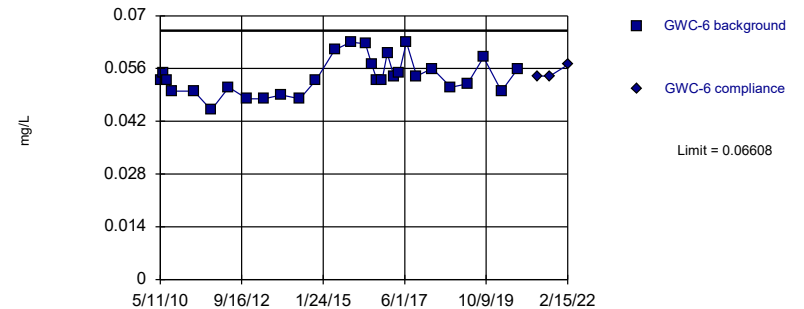


Background Data Summary (based on square root transformation): Mean=0.1968, Std. Dev.=0.06373, n=29. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9165, critical = 0.898. Kappa = 2.524 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium, Total Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
 Intrawell Parametric

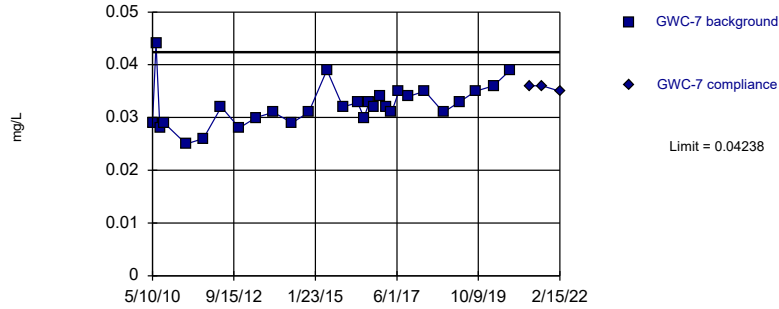


Background Data Summary: Mean=0.05388, Std. Dev.=0.004831, n=29. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9503, critical = 0.898. Kappa = 2.524 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium, Total Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

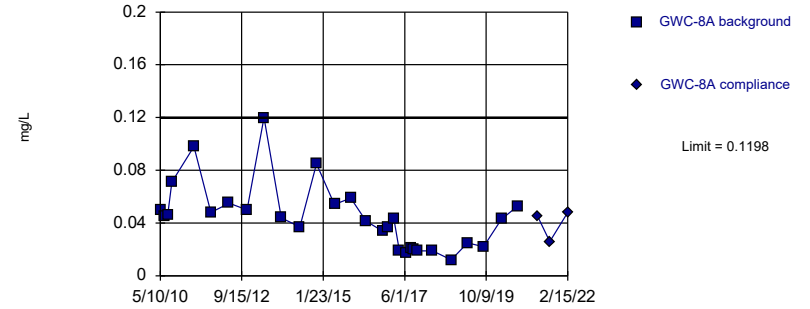


Background Data Summary: Mean=0.03227, Std. Dev.=0.004007, n=29. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9528, critical = 0.898. Kappa = 2.524 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium, Total Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

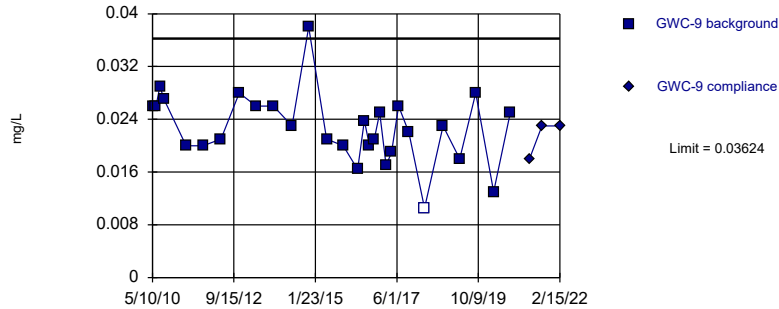


Background Data Summary (based on square root transformation): Mean=0.2032, Std. Dev.=0.05658, n=29. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9475, critical = 0.898. Kappa = 2.524 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium, Total Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

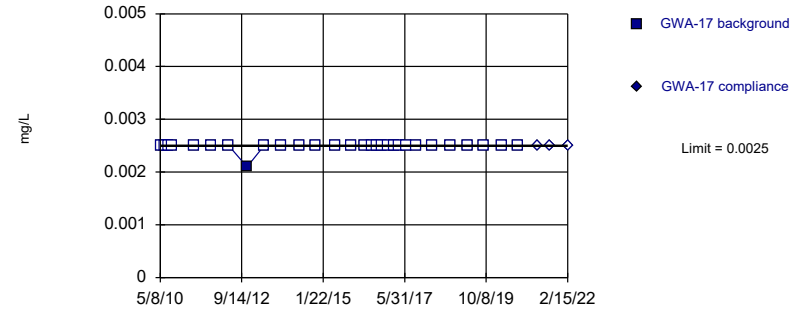


Background Data Summary: Mean=0.02271, Std. Dev.=0.005359, n=29, 3.448% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.963, critical = 0.898. Kappa = 2.524 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium, Total Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

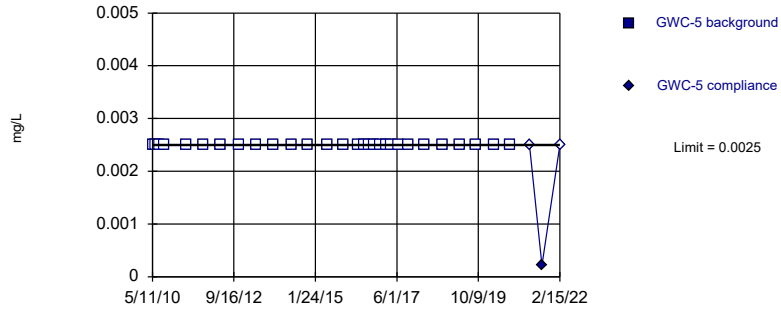


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 96.55% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Beryllium, Total Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

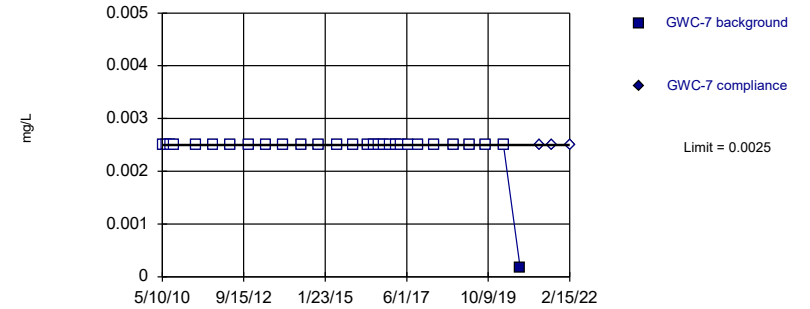


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 29) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Beryllium, Total Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

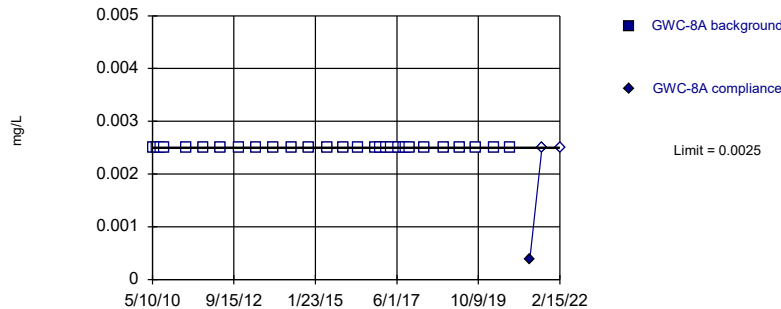


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 96.55% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Beryllium, Total Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

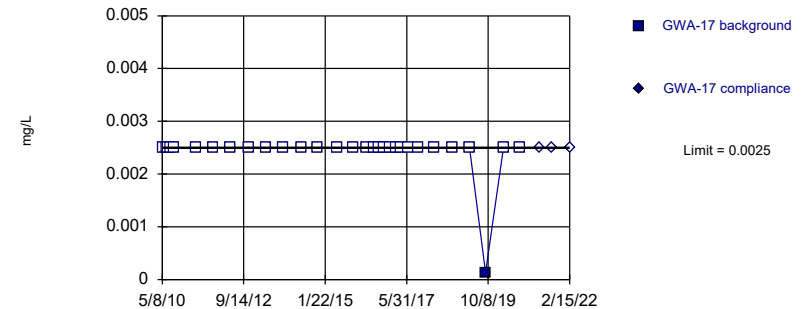


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 29) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Beryllium, Total Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

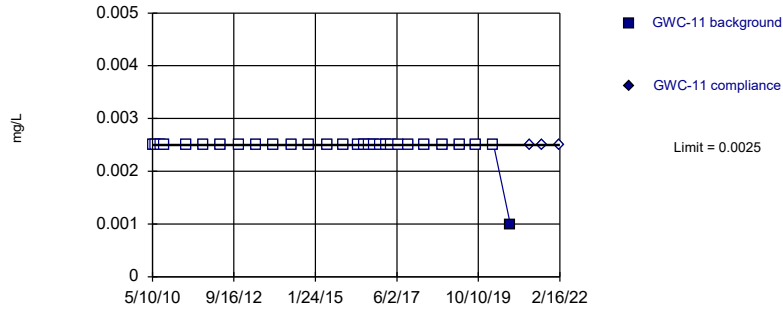


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 96.55% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Cadmium, Total Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

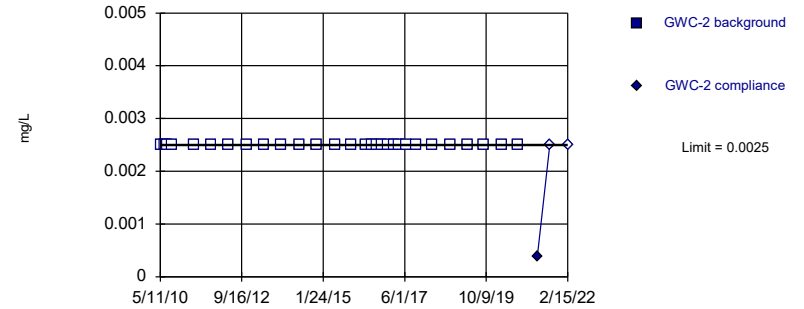


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 96.55% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Cadmium, Total Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

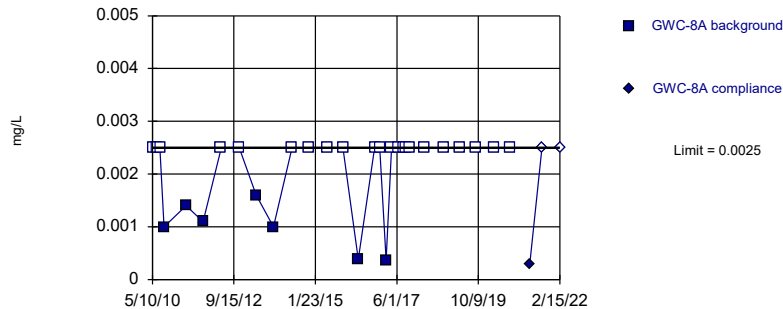


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 29) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Cadmium, Total Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

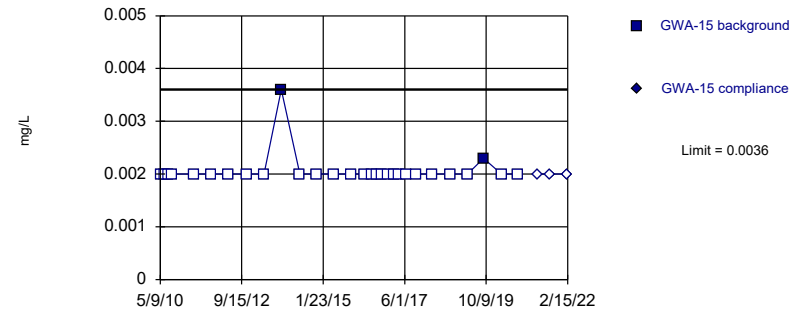


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 75.86% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Cadmium, Total Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

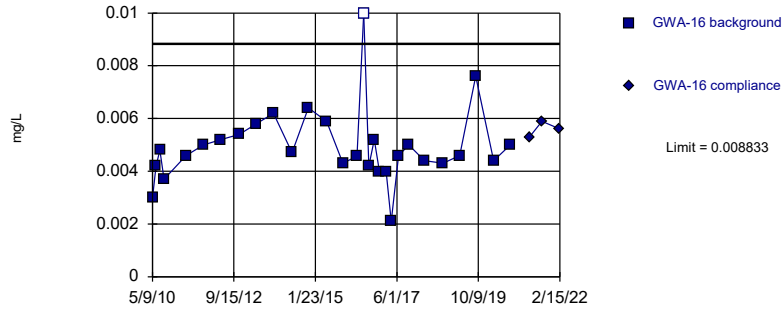


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 93.1% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Chromium, Total Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

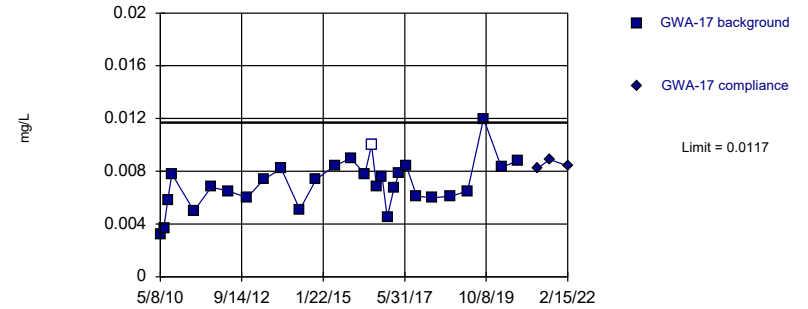


Background Data Summary (based on square root transformation): Mean=0.06962, Std. Dev.=0.009652, n=29, 3.448% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9148, critical = 0.898. Kappa = 2.524 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Chromium, Total Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

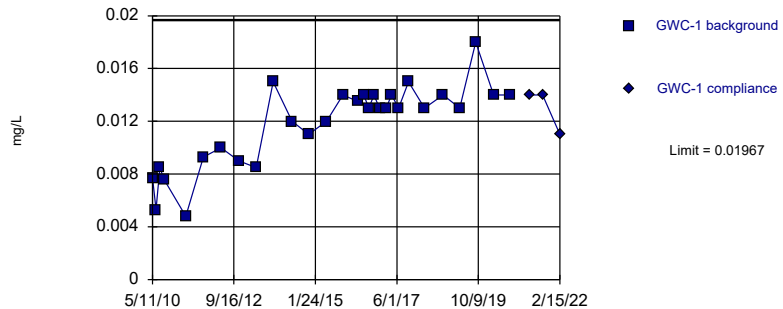


Background Data Summary: Mean=0.007027, Std. Dev.=0.001851, n=29, 3.448% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9797, critical = 0.898. Kappa = 2.524 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Chromium, Total Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

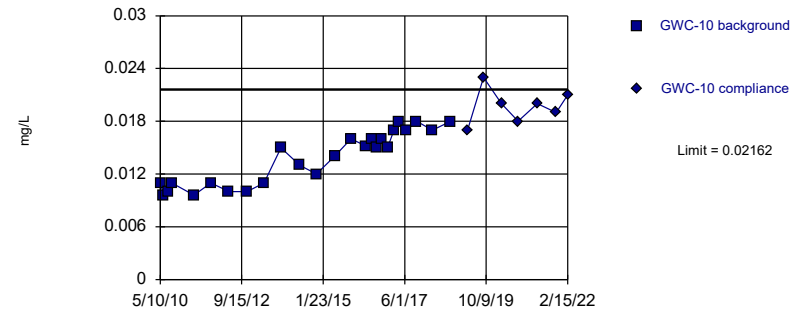


Background Data Summary: Mean=0.01183, Std. Dev.=0.003104, n=29. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9149, critical = 0.898. Kappa = 2.524 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Chromium, Total Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

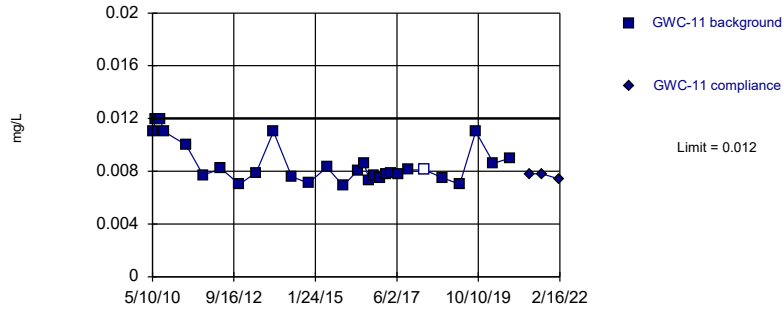


Background Data Summary: Mean=0.01381, Std. Dev.=0.003022, n=25. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8903, critical = 0.888. Kappa = 2.585 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Chromium, Total Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

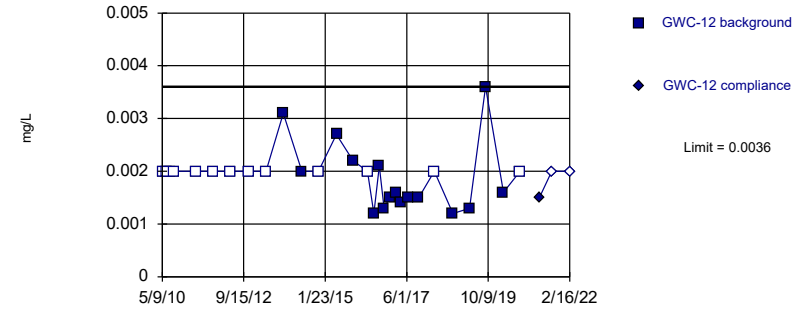


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 29 background values. 3.448% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Chromium, Total Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

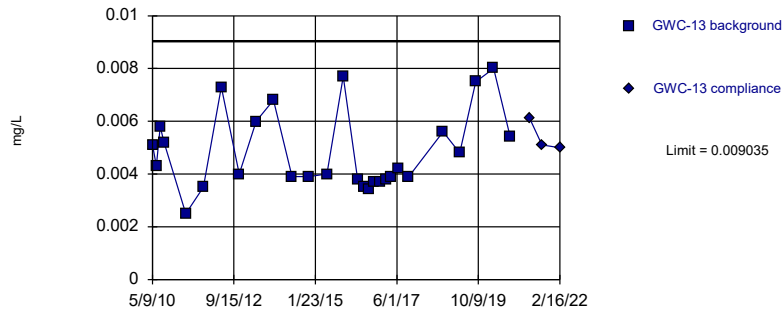


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 29 background values. 41.38% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Chromium, Total Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

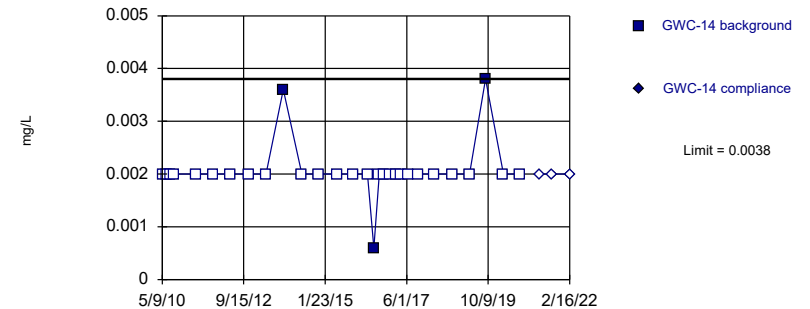


Background Data Summary (based on square root transformation): Mean=0.06874, Std. Dev.=0.01036, n=28.
Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9091, critical = 0.896. Kappa = 2.539 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Chromium, Total Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

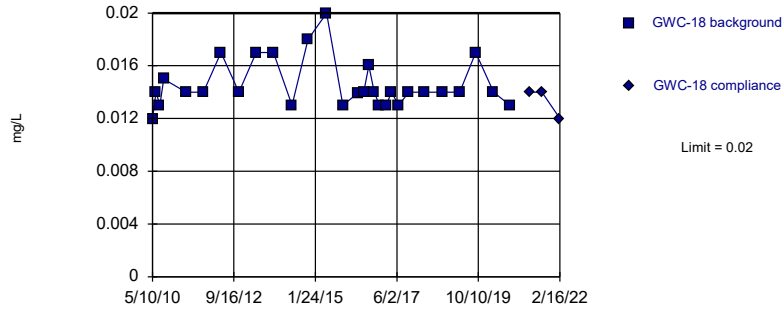


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 89.66% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Chromium, Total Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

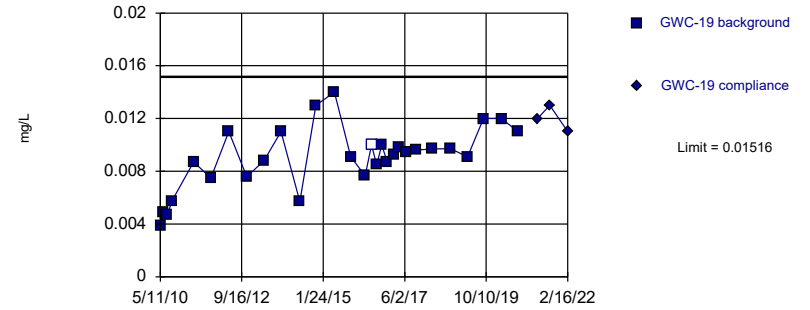


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 29 background values. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Chromium, Total Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

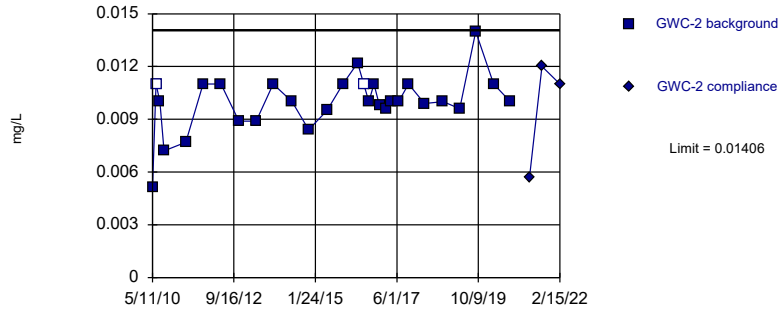


Background Data Summary: Mean=0.009037, Std. Dev.=0.002426, n=29, 3.448% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9639, critical = 0.898. Kappa = 2.524 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Chromium, Total Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

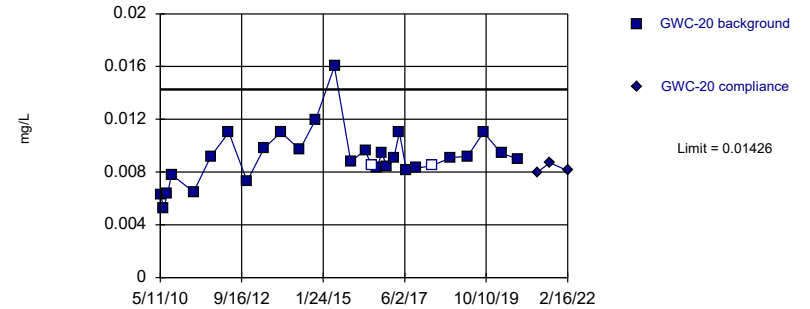


Background Data Summary: Mean=0.009993, Std. Dev.=0.00161, n=29, 6.897% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9049, critical = 0.898. Kappa = 2.524 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Chromium, Total Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

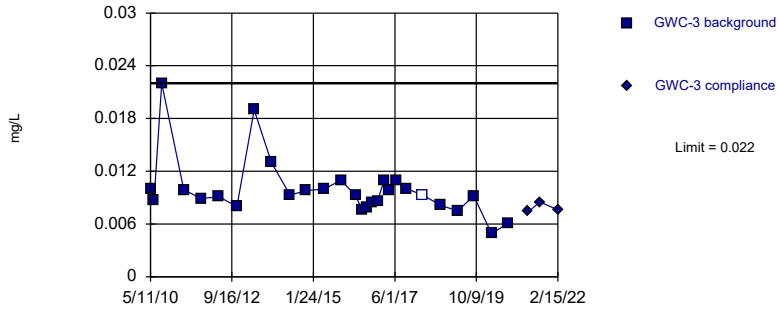


Background Data Summary: Mean=0.009105, Std. Dev.=0.002041, n=29, 6.897% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9156, critical = 0.898. Kappa = 2.524 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Chromium, Total Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

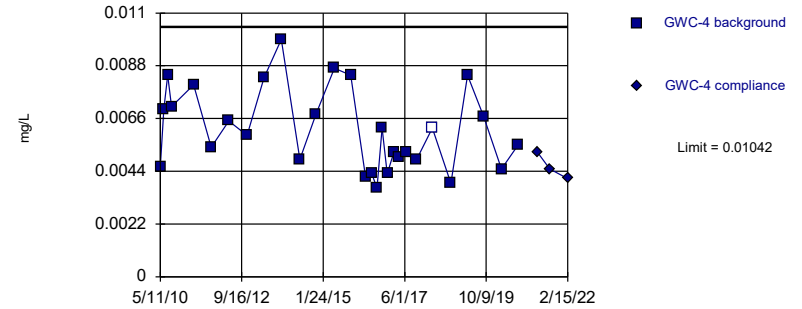


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 28 background values. 3.571% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Chromium, Total Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

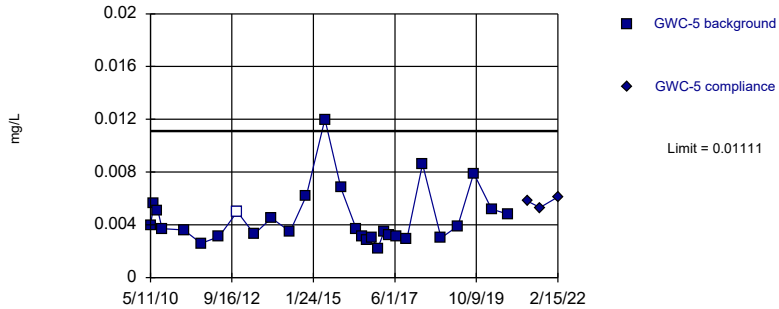


Background Data Summary: Mean=0.006141, Std. Dev.=0.001695, n=29, 3.448% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9384, critical = 0.898. Kappa = 2.524 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Chromium, Total Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

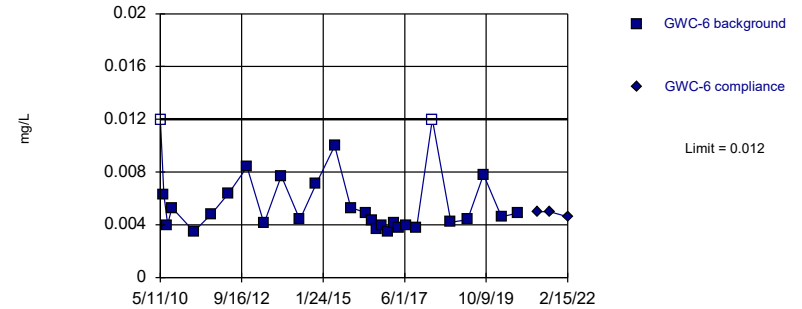


Background Data Summary (based on natural log transformation): Mean=-5.492, Std. Dev.=0.393, n=29, 3.448% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9296, critical = 0.898. Kappa = 2.524 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Chromium, Total Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

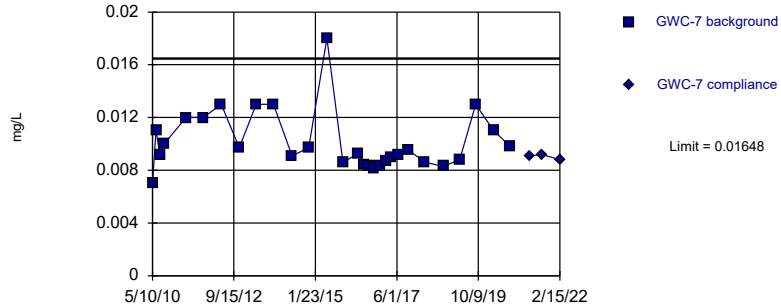


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 29 background values. 6.897% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Chromium, Total Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

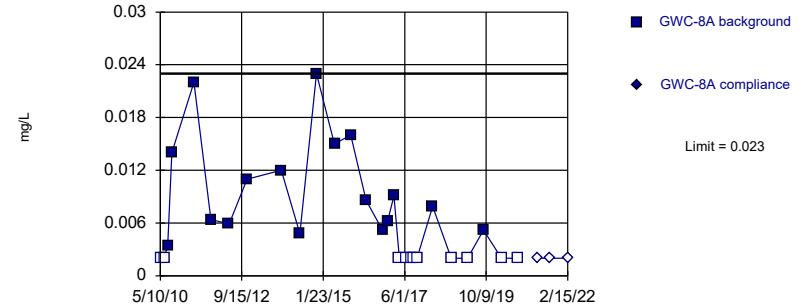


Background Data Summary (based on natural log transformation): Mean=-4.614, Std. Dev.=0.2014, n=29. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9093, critical = 0.898. Kappa = 2.524 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Chromium, Total Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

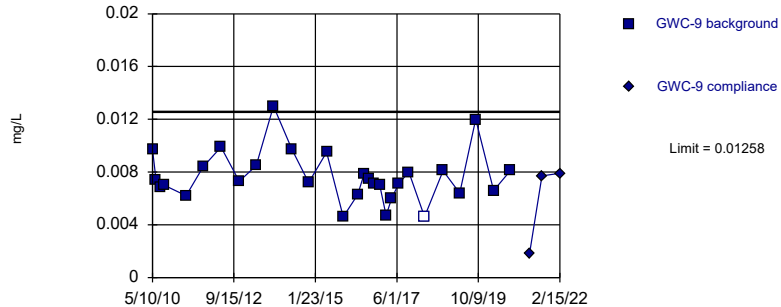


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 28 background values. 39.29% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Chromium, Total Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

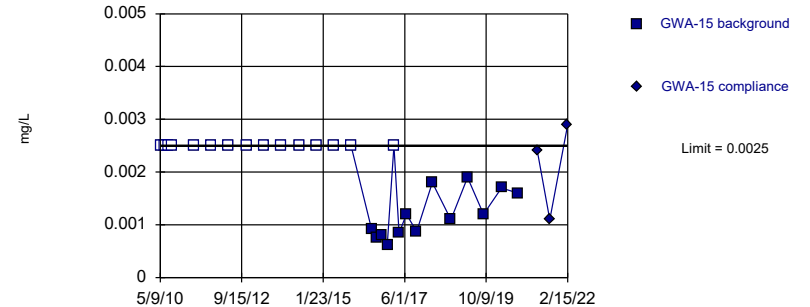


Background Data Summary: Mean=0.007675, Std. Dev.=0.001942, n=29, 3.448% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9317, critical = 0.898. Kappa = 2.524 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Chromium, Total Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Exceeds Limit

Prediction Limit
Intrawell Non-parametric

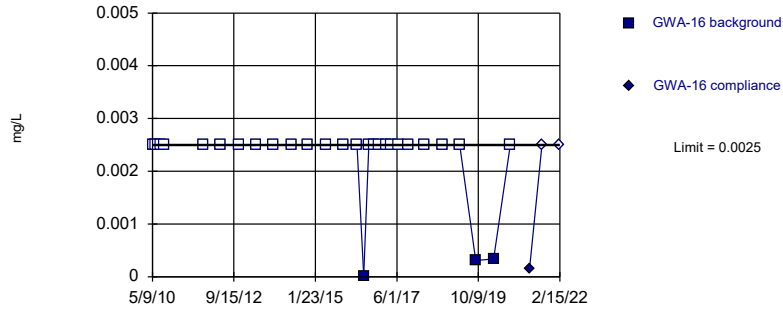


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 53.57% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Cobalt, Total Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

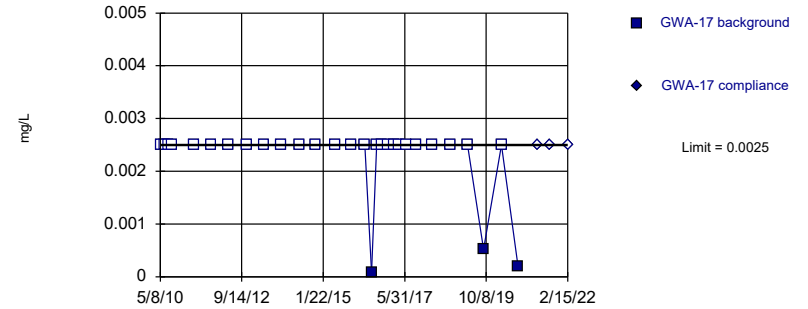


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 89.29% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Cobalt, Total Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

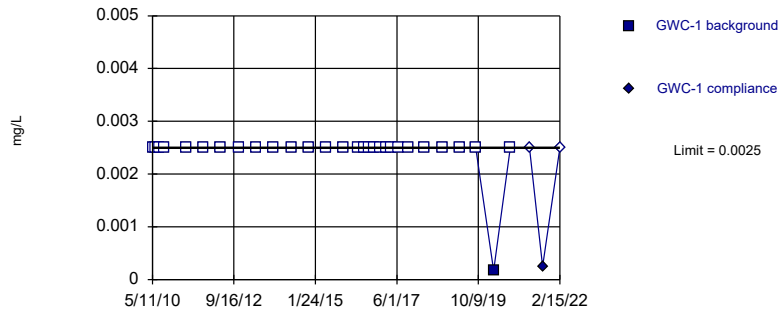


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 89.66% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Cobalt, Total Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

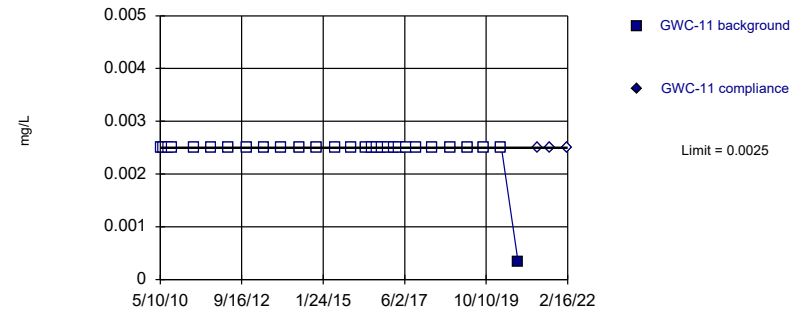


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 96.55% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Cobalt, Total Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

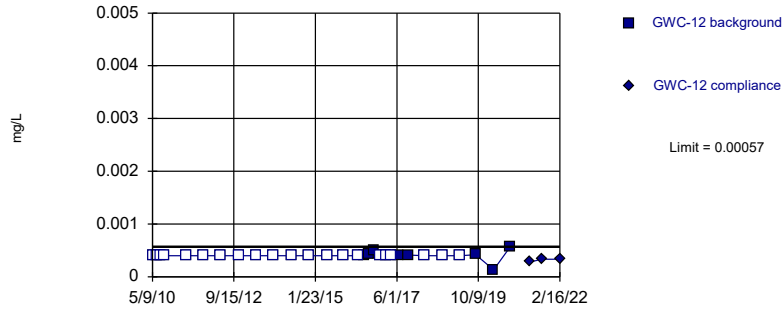


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 96.55% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Cobalt, Total Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

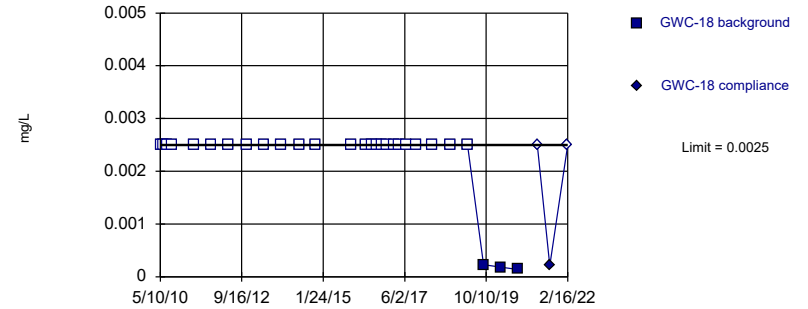


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 72.41% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Cobalt, Total Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

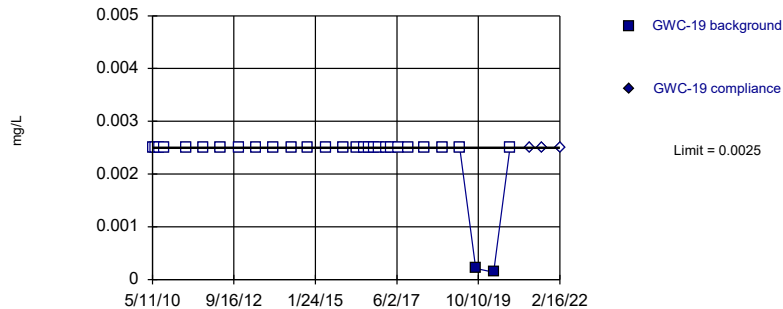


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 89.29% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Cobalt, Total Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

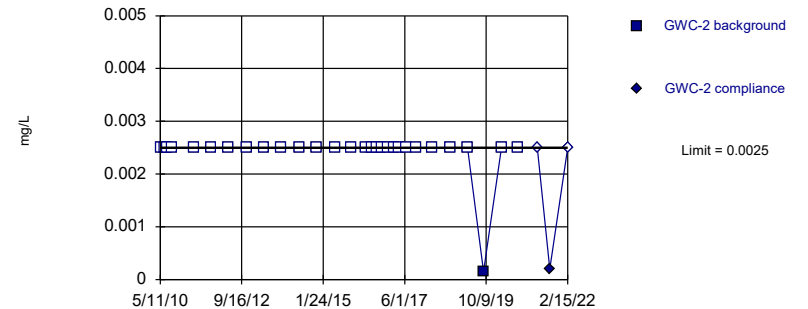


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 93.1% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Cobalt, Total Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

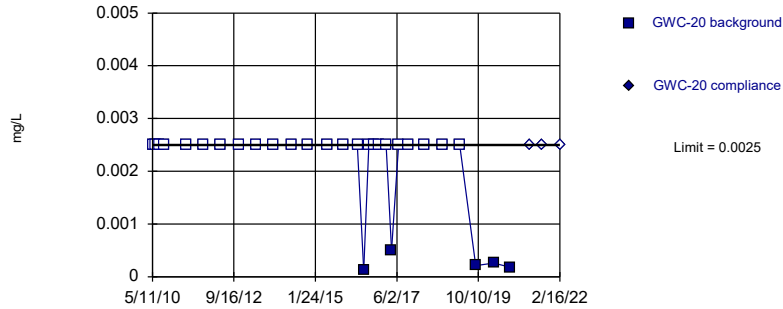


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 96.55% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Cobalt, Total Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

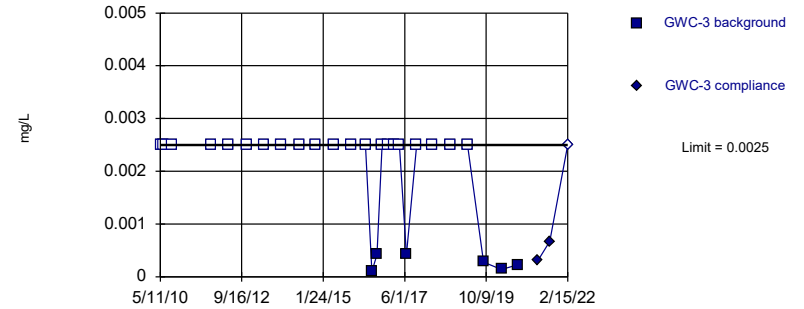


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 82.76% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Cobalt, Total Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

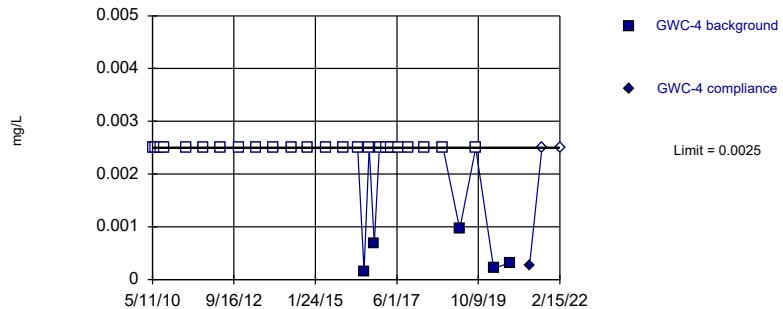


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 27 background values. 77.78% NDs. Well-constituent pair annual alpha = 0.004998. Individual comparison alpha = 0.002502 (1 of 2).

Constituent: Cobalt, Total Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

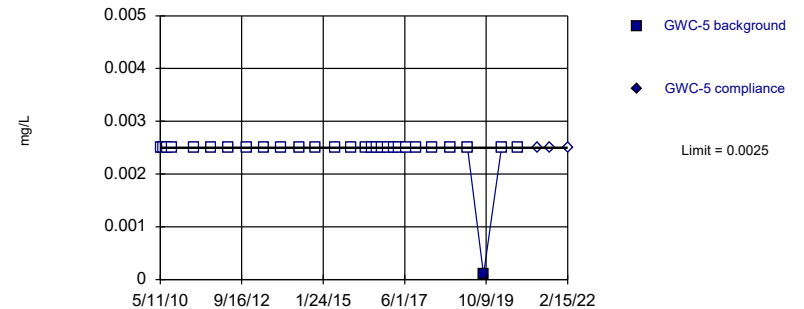


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 82.76% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Cobalt, Total Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

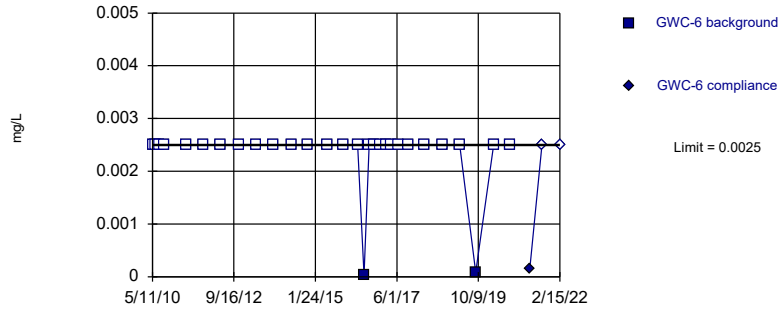


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 96.55% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Cobalt, Total Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

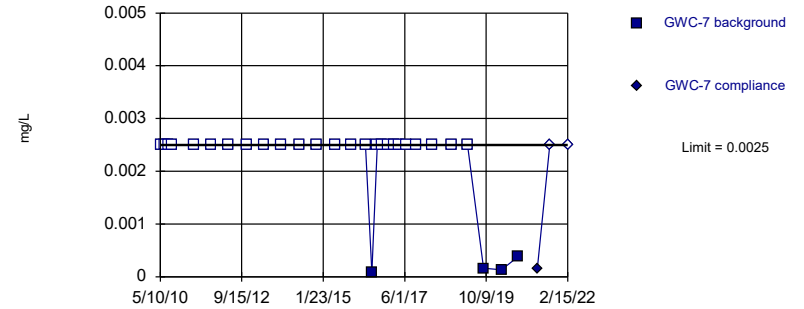


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 93.1% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Cobalt, Total Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

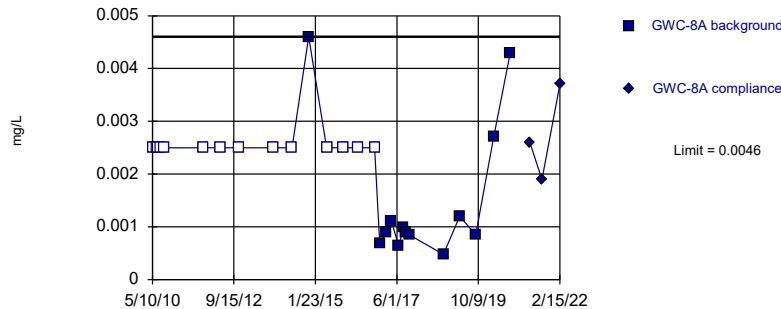


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 86.21% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Cobalt, Total Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

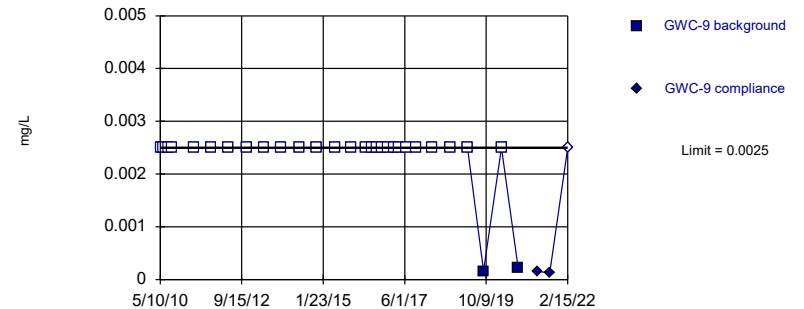


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 26 background values. 50% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Cobalt, Total Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

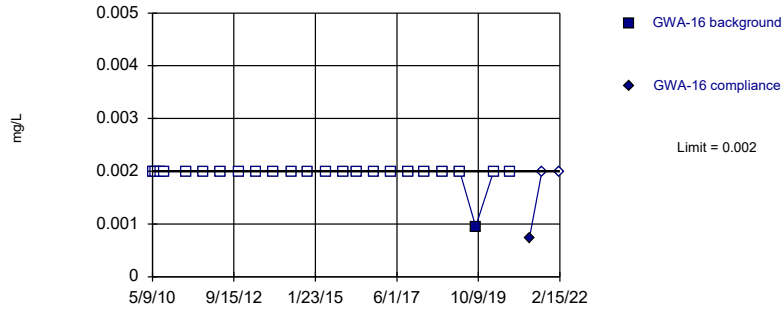


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 93.1% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Cobalt, Total Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

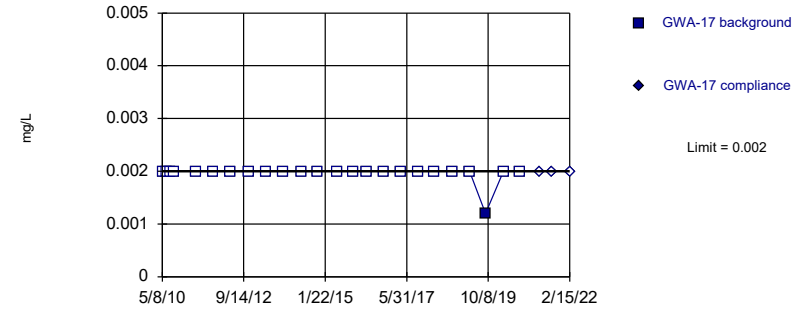


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 95.83% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Copper Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

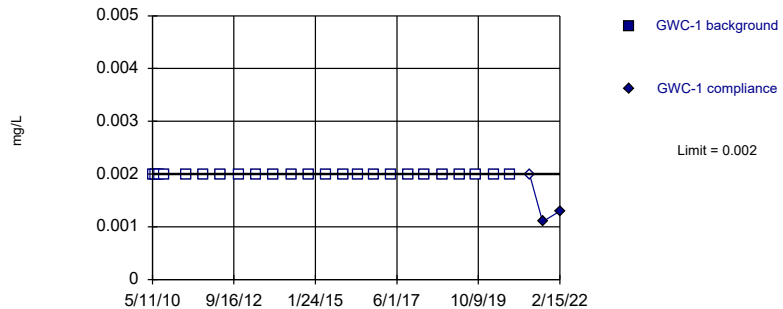


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 95.83% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Copper Analysis Run 4/8/2022 9:44 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

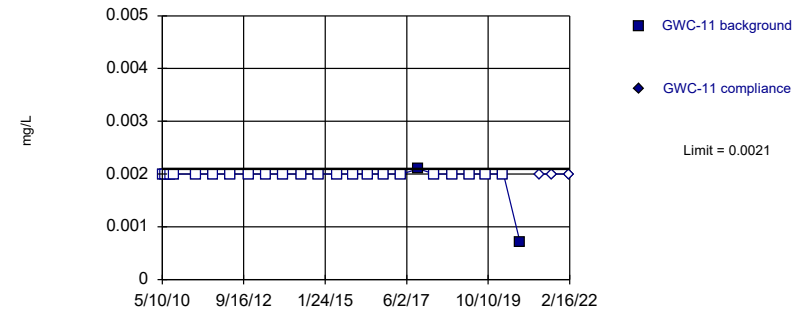


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 24) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Copper Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

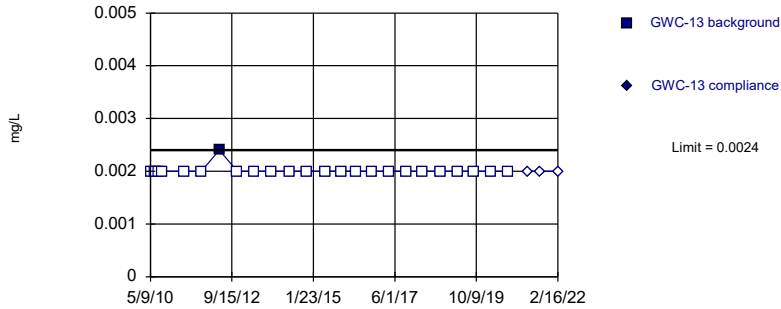


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 91.67% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Copper Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

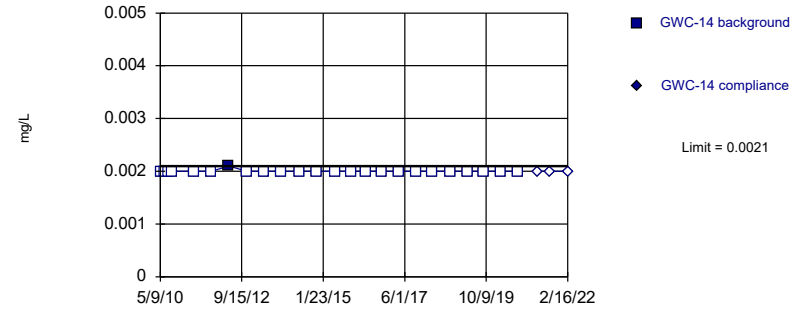


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 95.83% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Copper Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

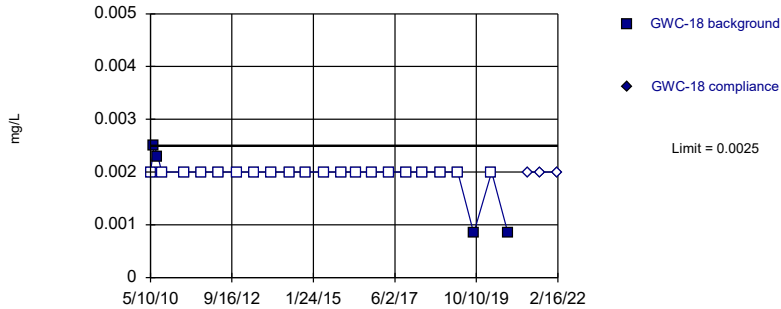


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 95.83% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Copper Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

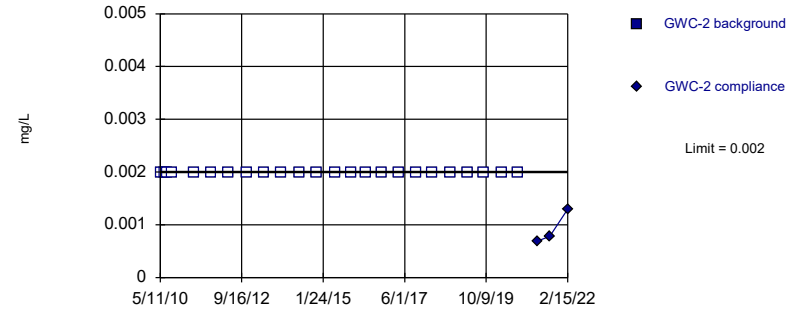


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 83.33% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Copper Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

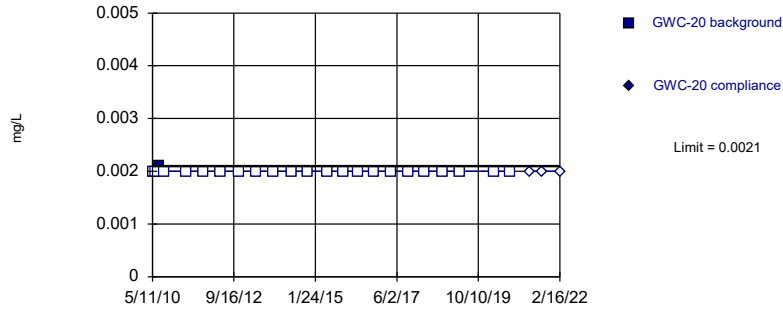


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 24) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Copper Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

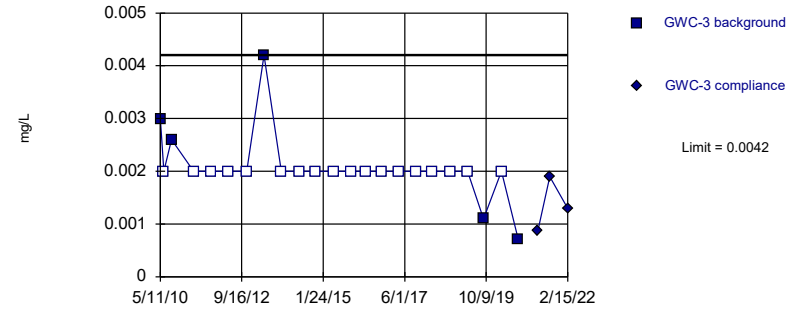


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Copper Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

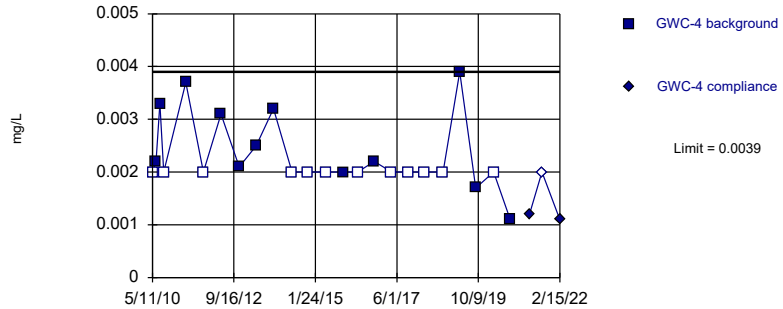


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 78.26% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Copper Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

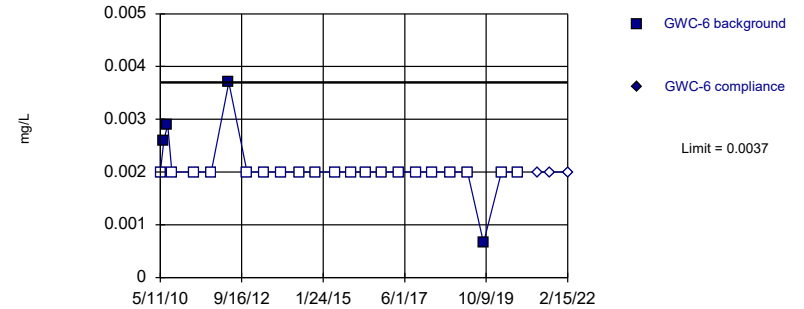


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 24 background values. 50% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Copper Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

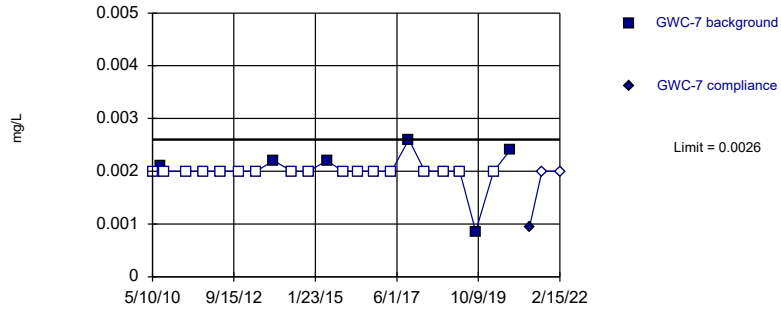


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 83.33% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Copper Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

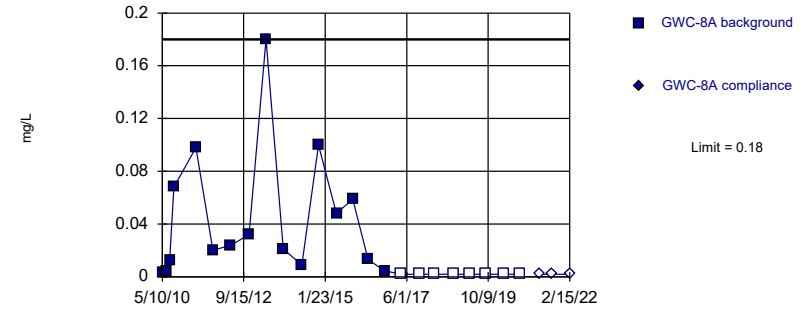


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 73.91% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Copper Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

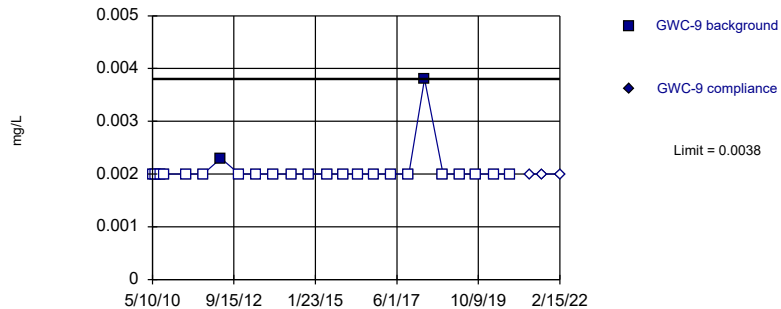


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 24 background values. 33.33% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Copper Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

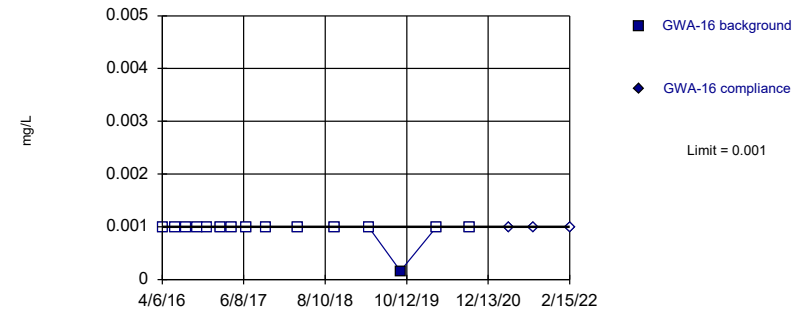


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 91.67% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Copper Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

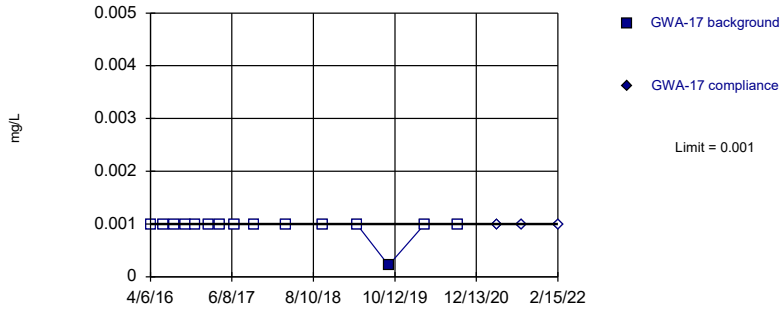


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 93.33% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Lead, Total Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

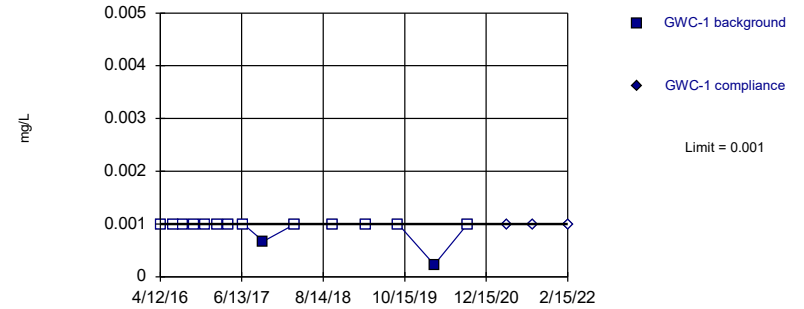


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 93.33% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Lead, Total Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

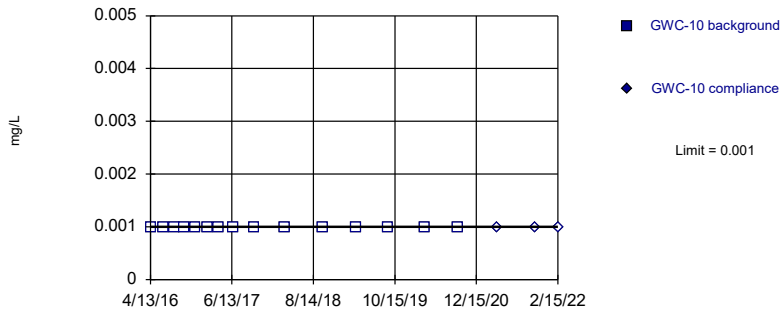


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 86.67% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Lead, Total Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

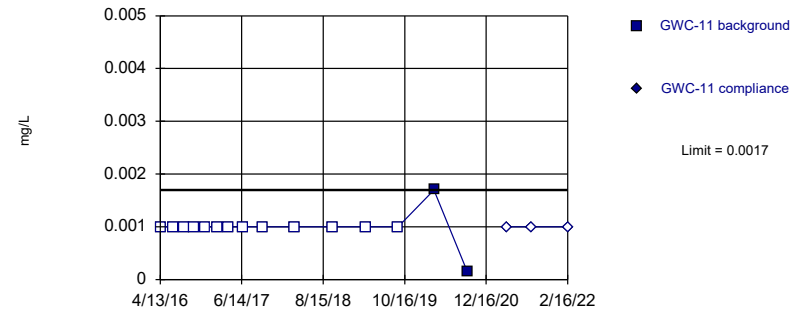


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 15) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Lead, Total Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

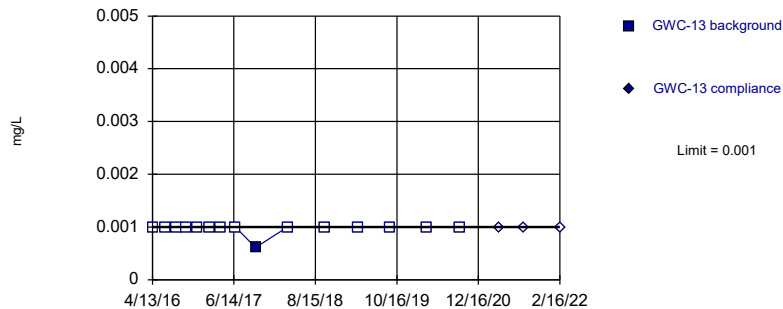


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 86.67% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Lead, Total Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

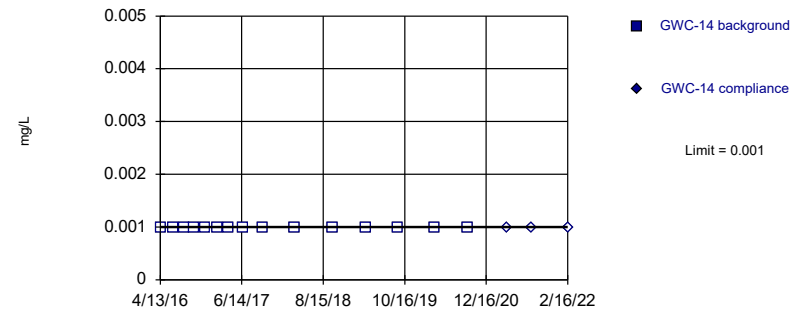


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 93.33% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Lead, Total Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

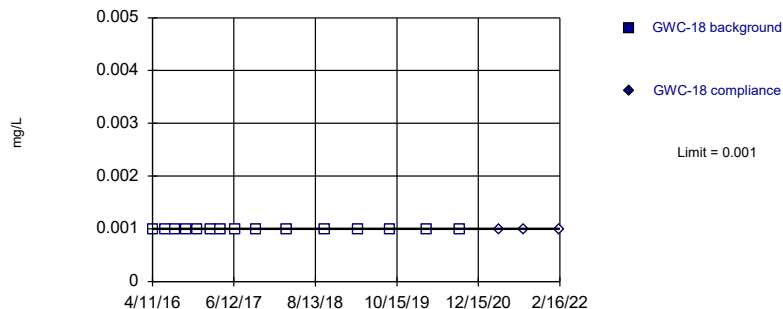


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 15) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Lead, Total Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

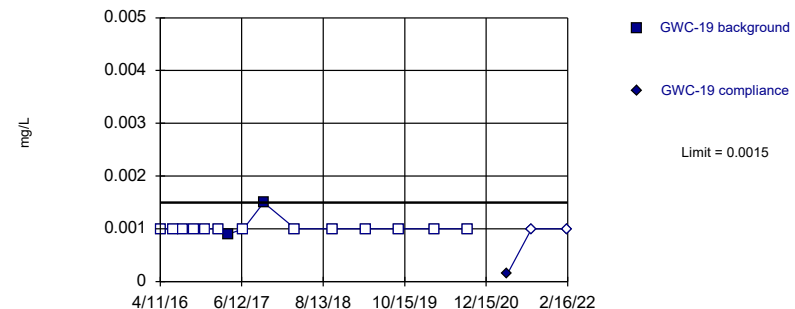


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Constituent: Lead, Total Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

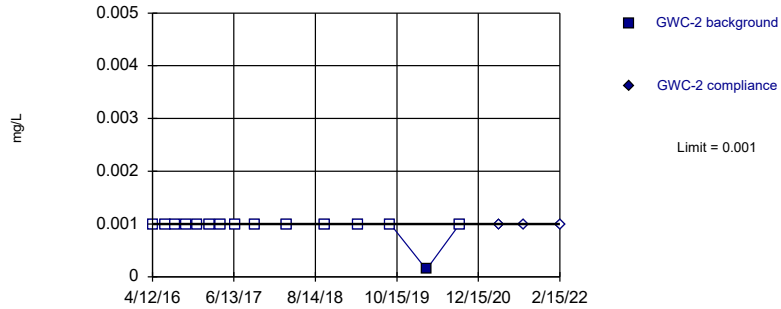


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 86.67% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Lead, Total Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

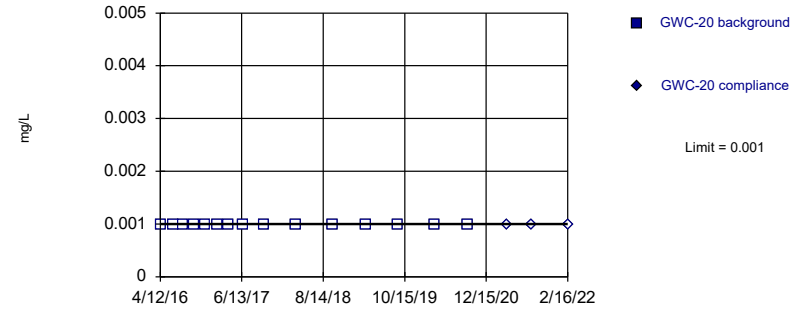


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 93.33% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Lead, Total Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

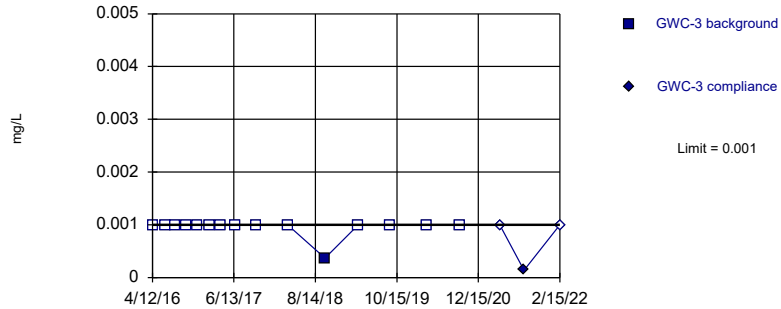


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 15) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Lead, Total Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

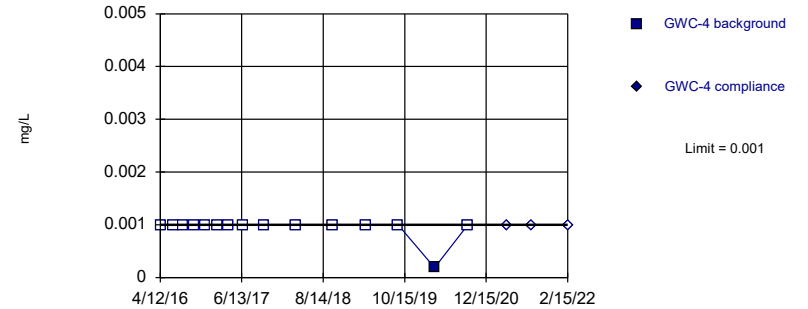


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 93.33% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Lead, Total Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

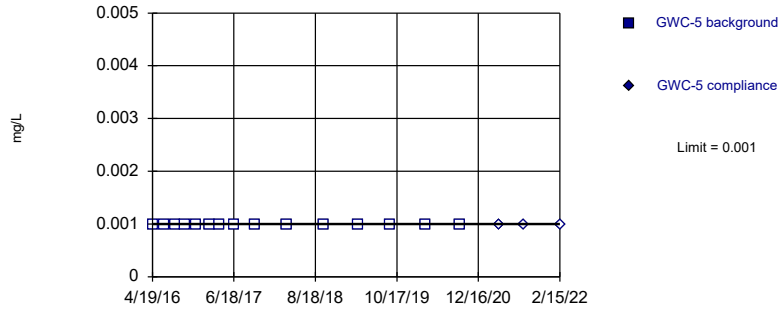


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Constituent: Lead, Total Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

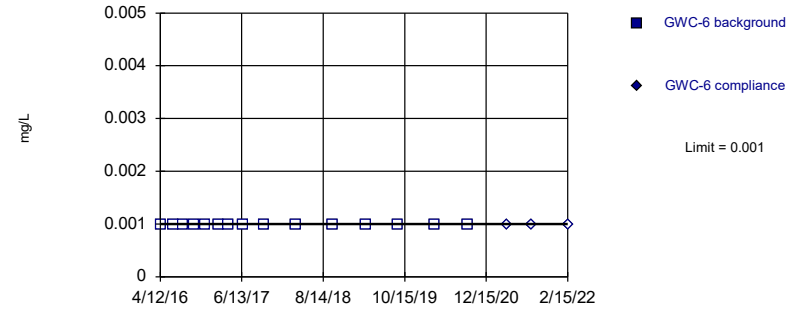


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Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

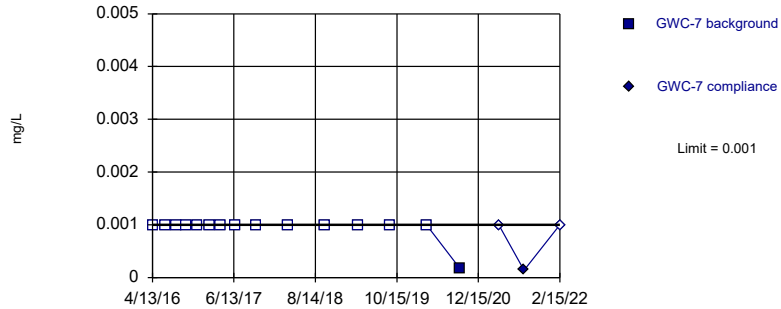


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Constituent: Lead, Total Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

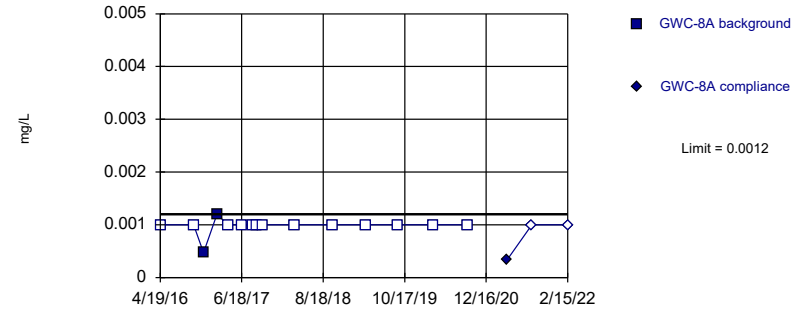


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Constituent: Lead, Total Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

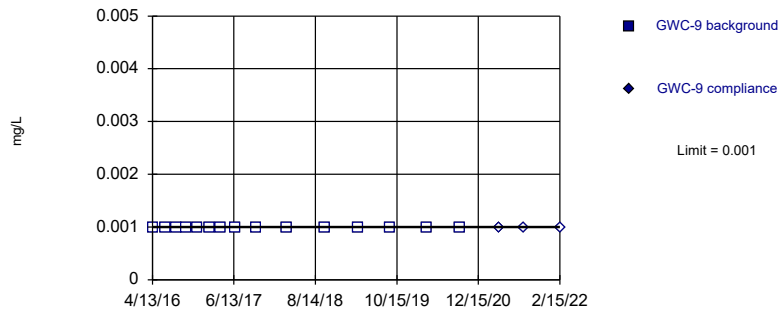


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 86.67% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Lead, Total Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

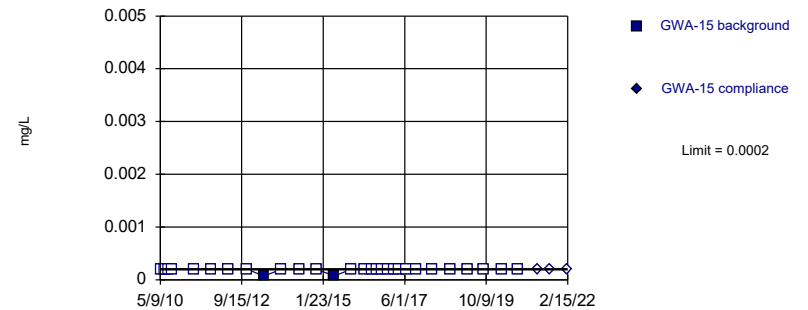


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 15) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Lead, Total Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

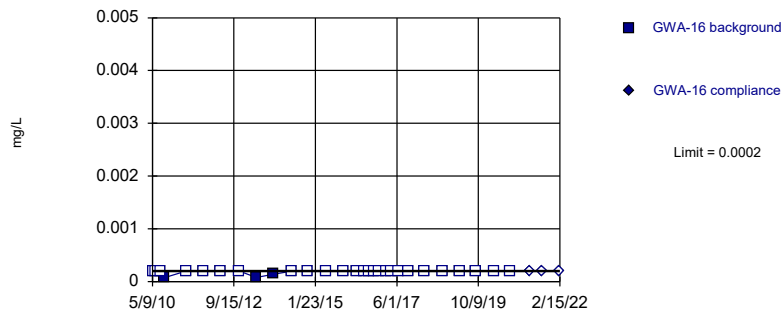


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 93.1% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Mercury Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

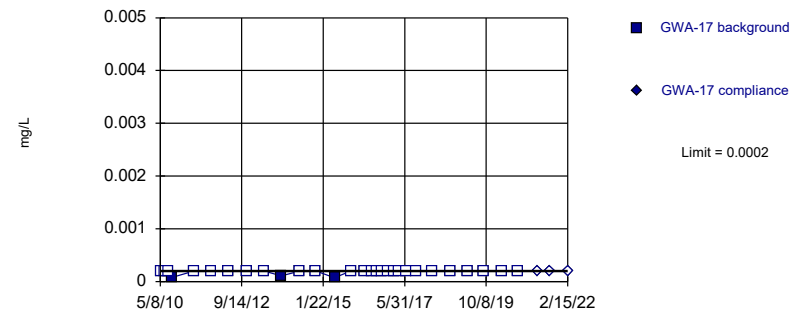


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 89.66% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Mercury Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

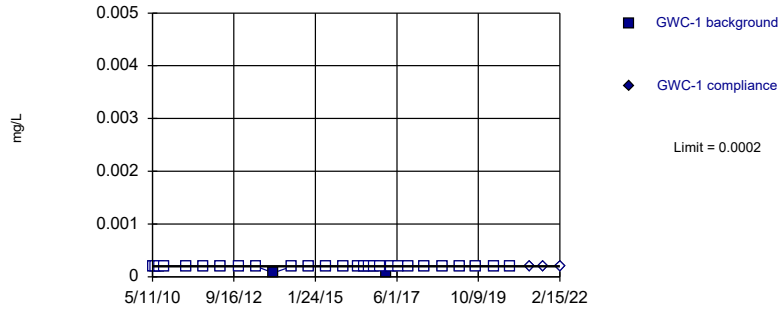


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 89.66% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Mercury Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

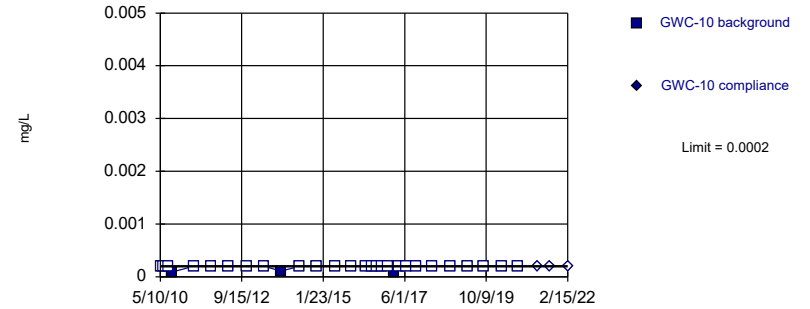


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Constituent: Mercury Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

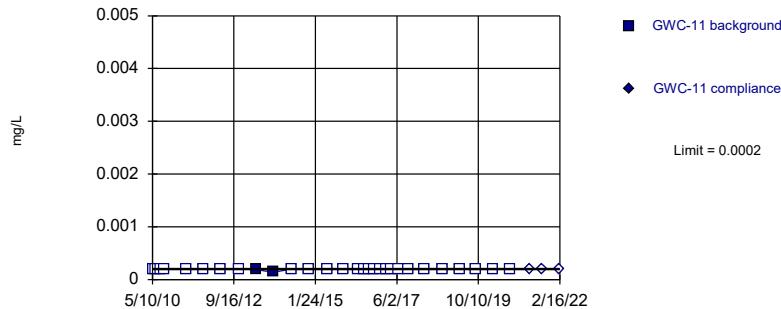


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Constituent: Mercury Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

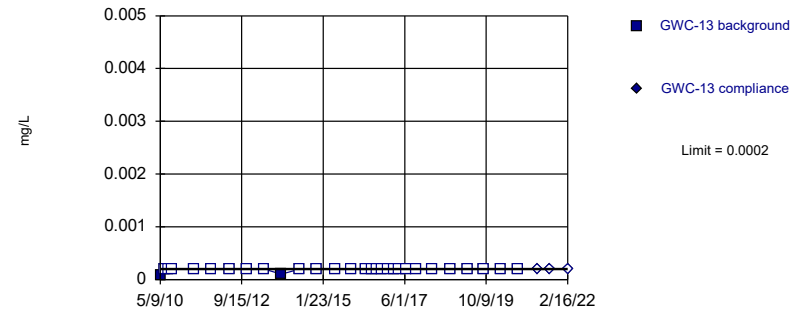


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Constituent: Mercury Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

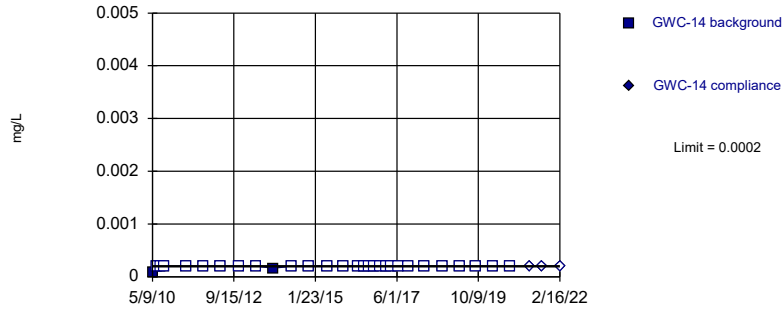


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Constituent: Mercury Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

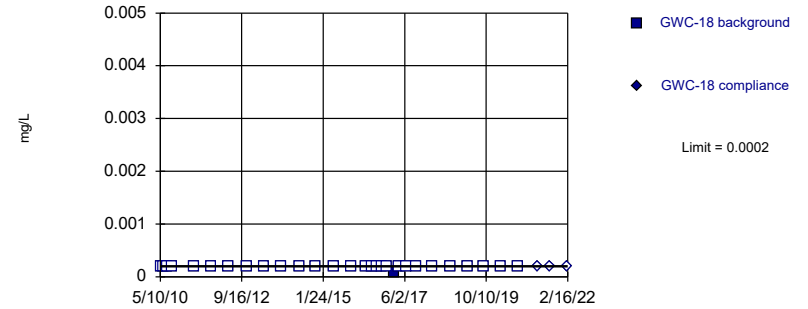


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 93.1% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Mercury Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

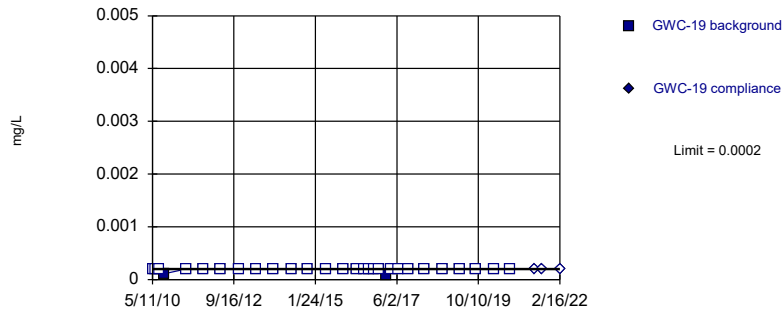


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 96.55% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Mercury Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

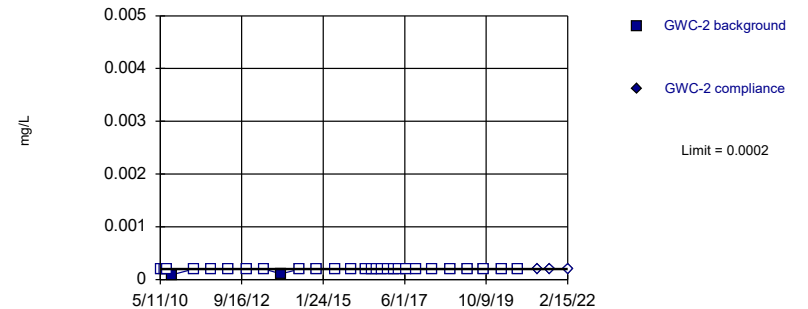


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 93.1% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Mercury Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

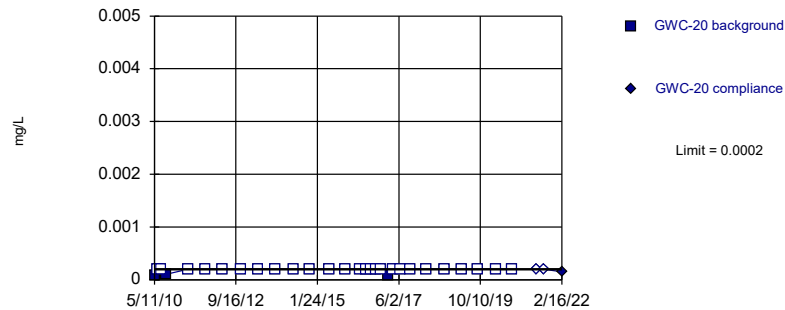


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 93.1% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Mercury Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

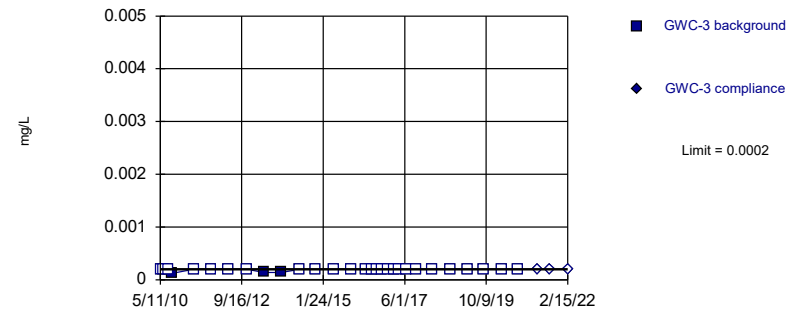


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 89.66% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Mercury Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

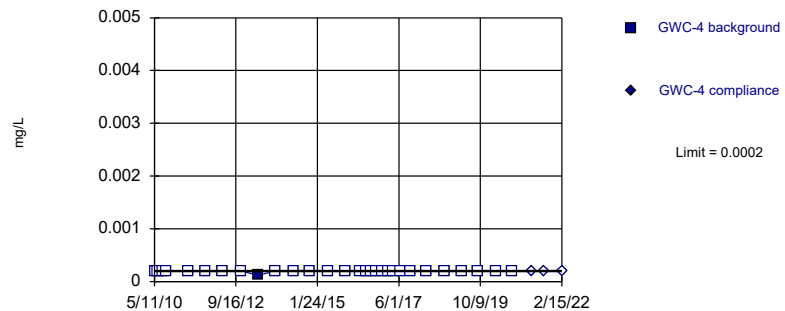


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 89.66% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Mercury Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

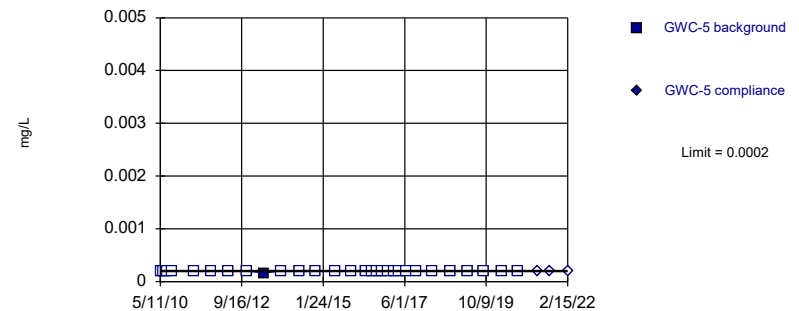


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 96.55% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Mercury Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

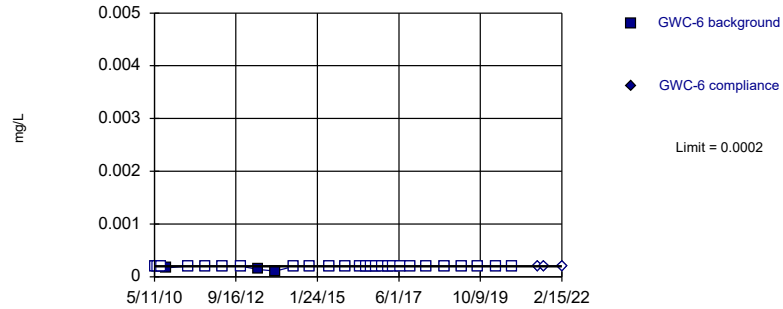


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 96.55% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Mercury Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

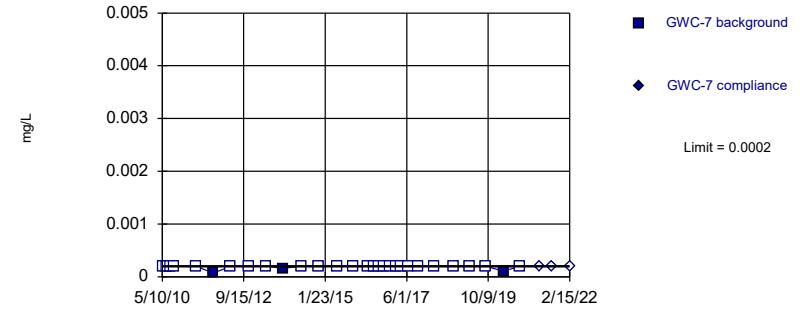


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 89.66% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Mercury Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

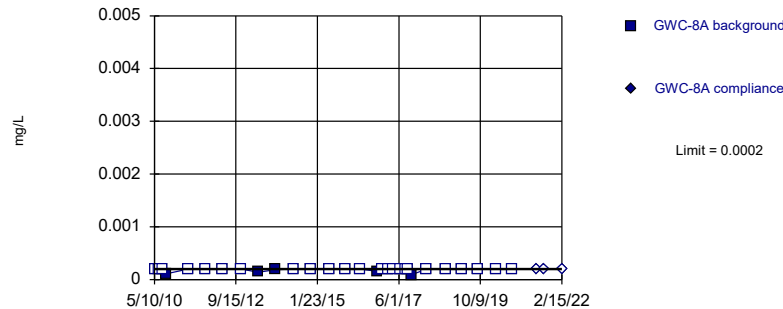


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 89.66% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Mercury Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

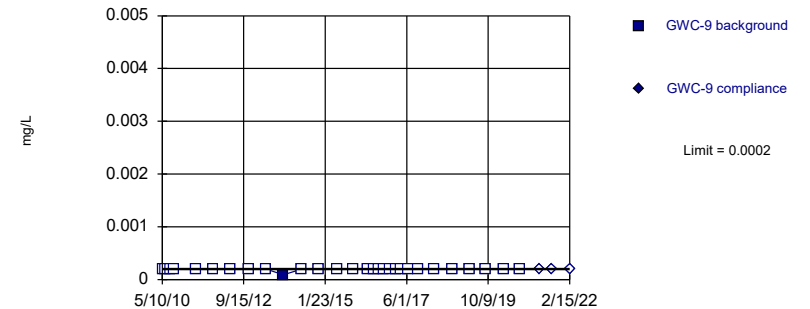


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 82.76% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Mercury Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

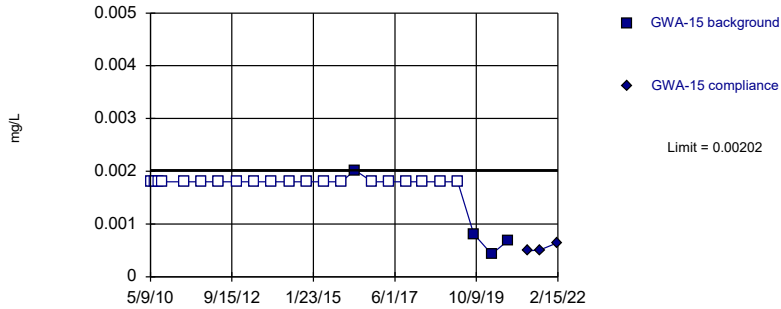


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 96.55% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Mercury Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

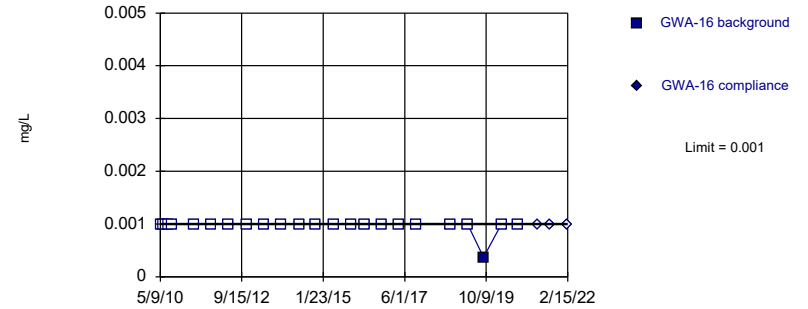


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 83.33% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Nickel Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

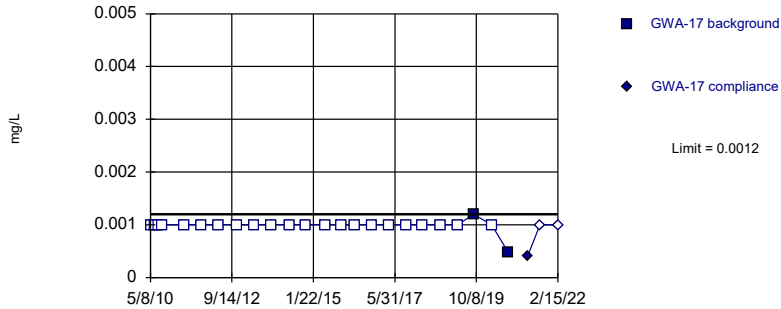


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Nickel Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

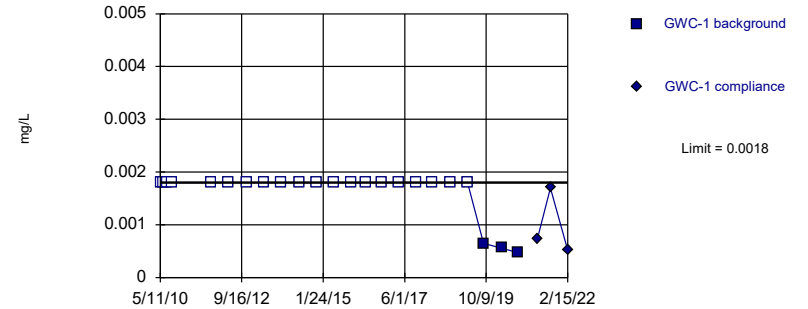


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 91.67% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Nickel Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

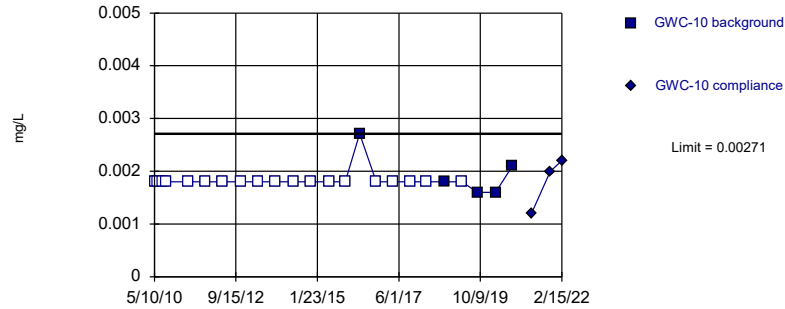


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 86.96% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Nickel Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

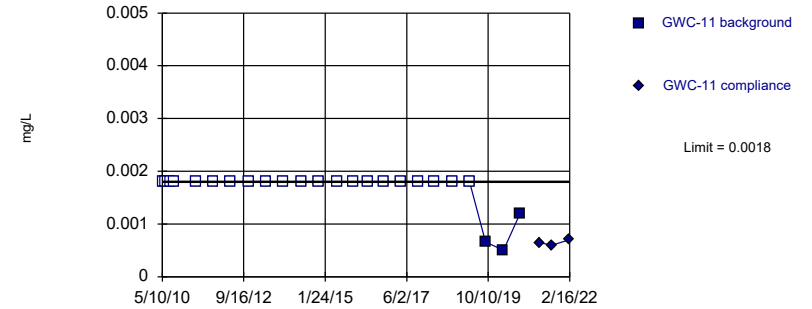


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 79.17% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Nickel Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

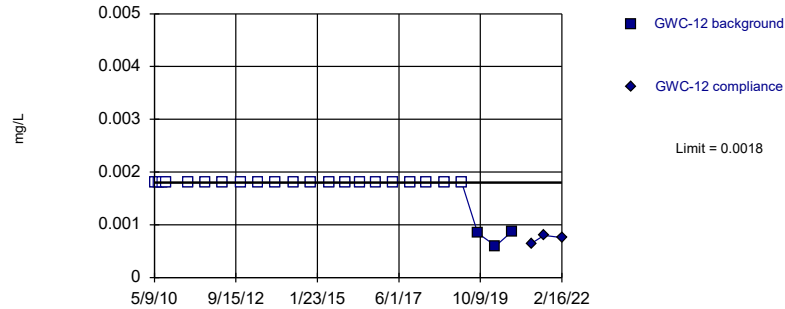


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Nickel Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

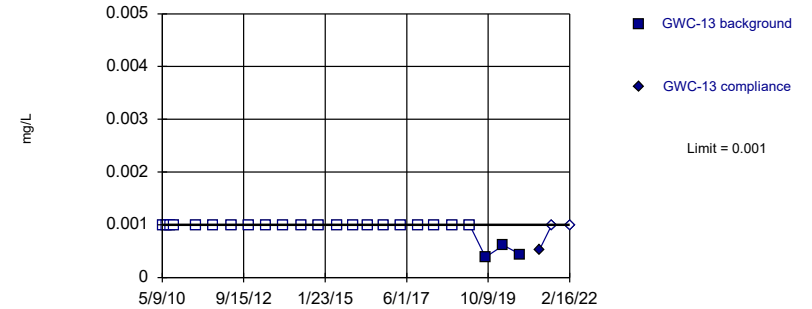


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Nickel Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

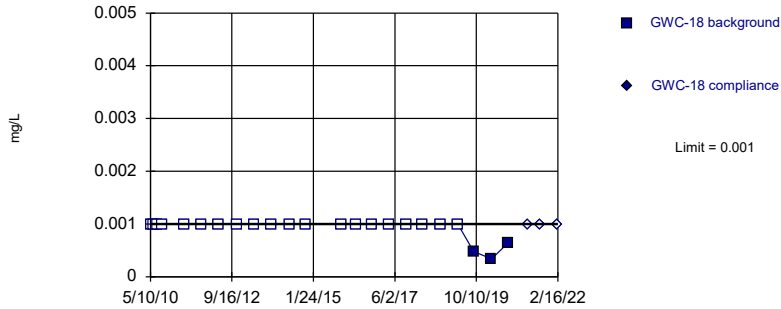


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Nickel Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

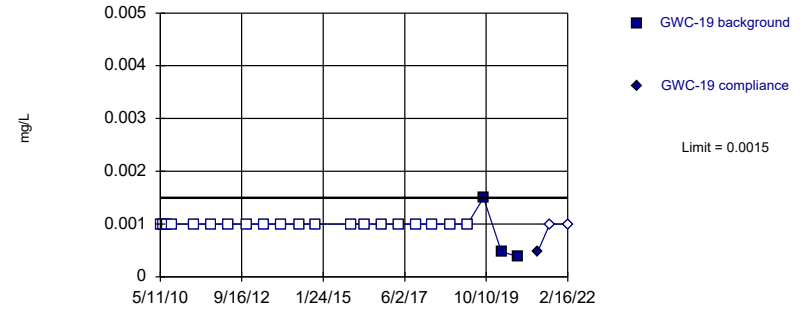


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 86.96% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Nickel Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

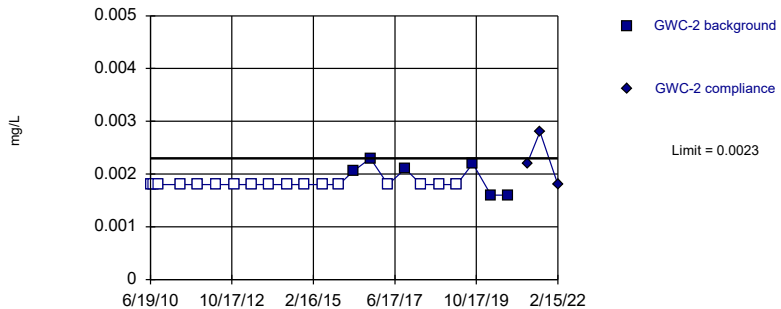


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 86.96% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Nickel Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

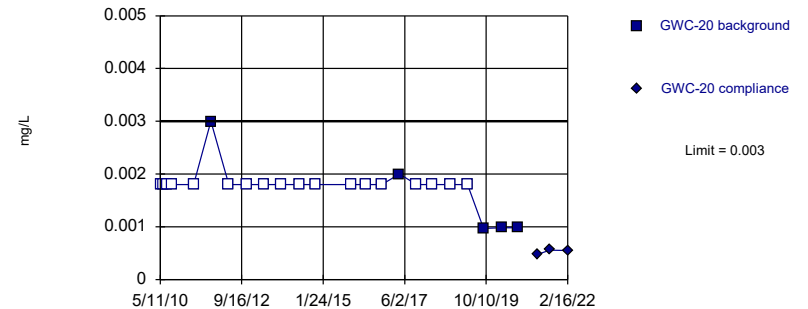


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 73.91% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Nickel Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

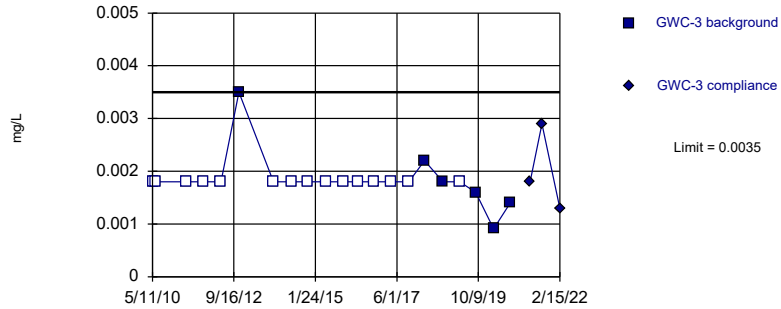


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 78.26% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Nickel Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

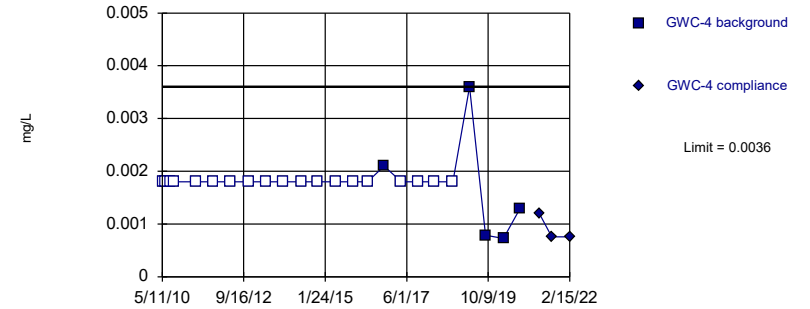


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 71.43% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Nickel Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

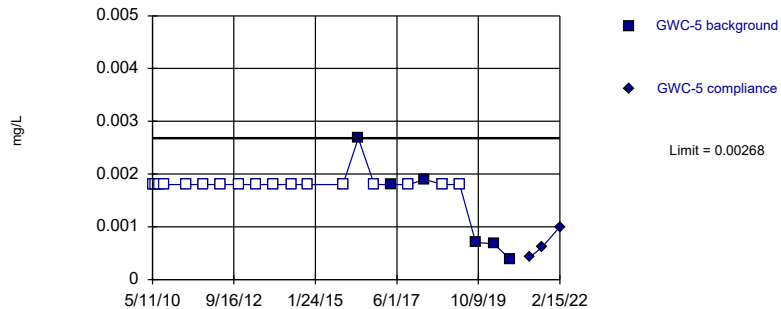


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 79.17% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Nickel Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

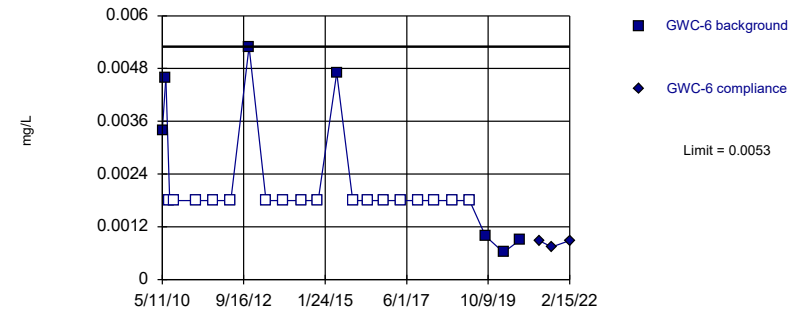


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 73.91% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Nickel Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

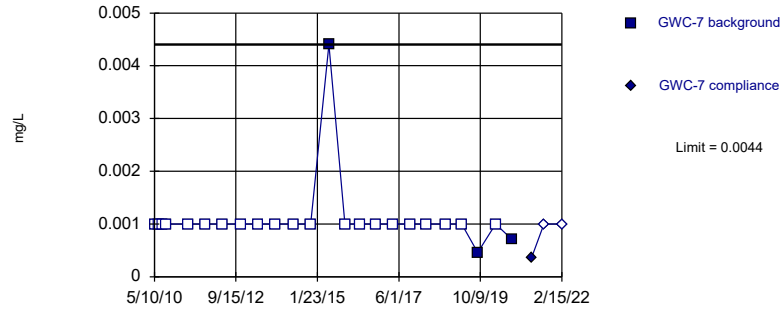


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 70.83% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Nickel Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

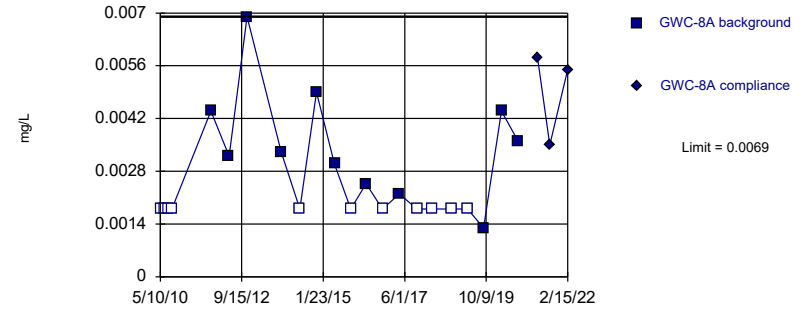


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Nickel Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

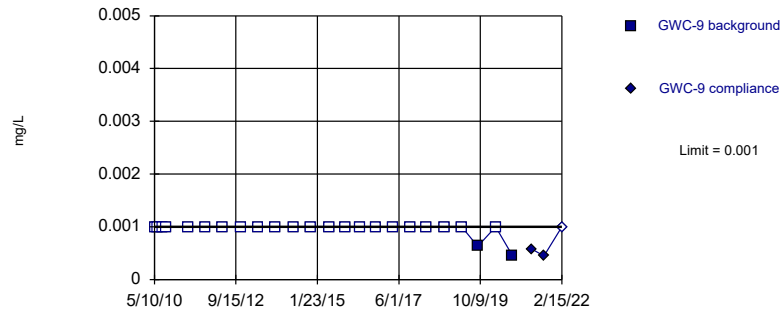


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 22 background values. 50% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Nickel Analysis Run 4/8/2022 9:45 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

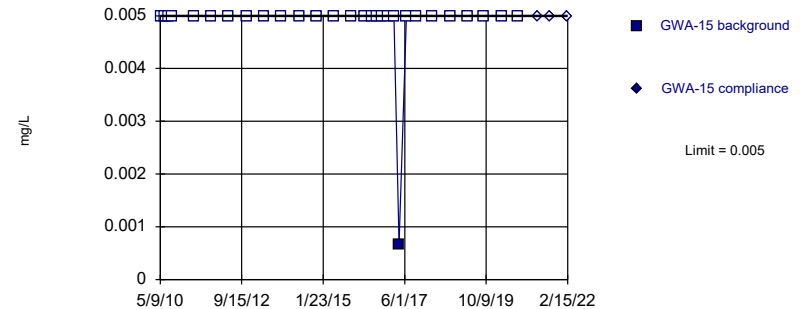


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 91.67% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Nickel Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

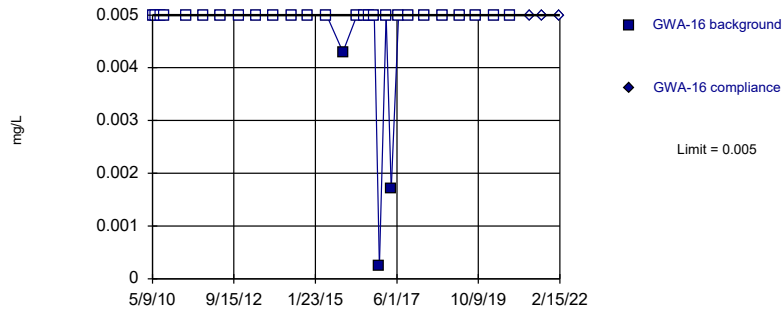


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 96.55% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Selenium, Total Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

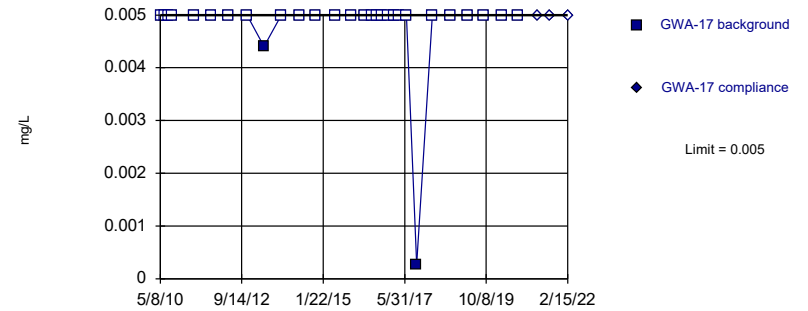


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 89.66% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Selenium, Total Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

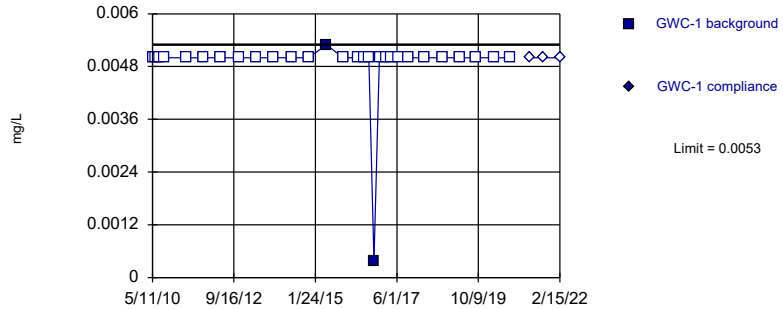


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 93.1% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Selenium, Total Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

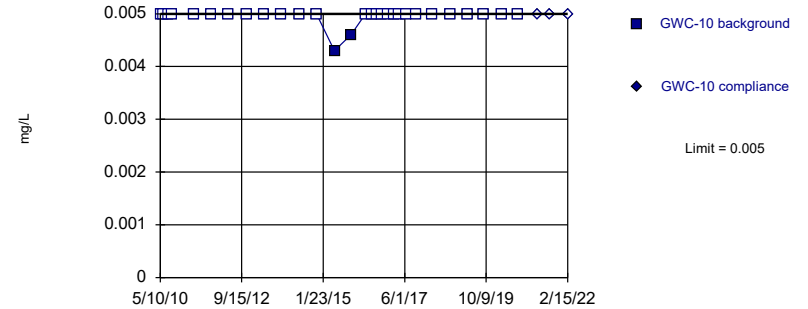


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 93.1% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Selenium, Total Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

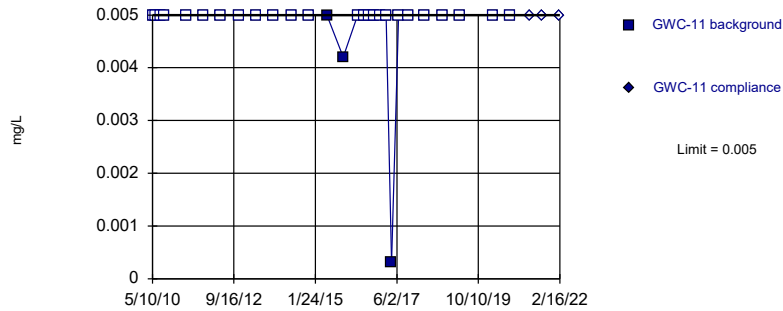


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 93.1% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Selenium, Total Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

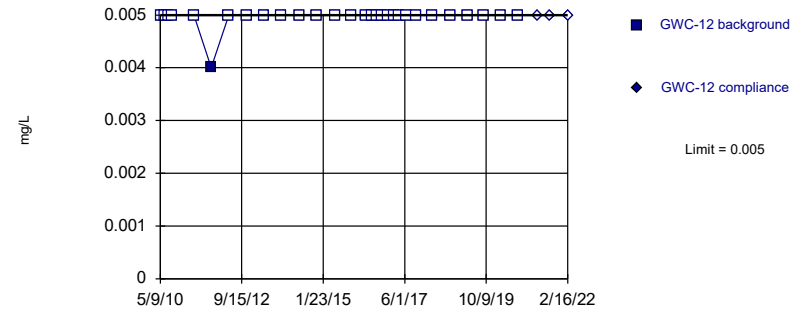


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 89.29% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Selenium, Total Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

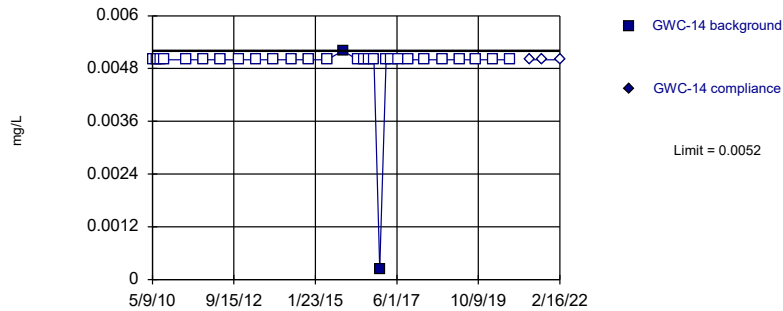


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 96.55% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Selenium, Total Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

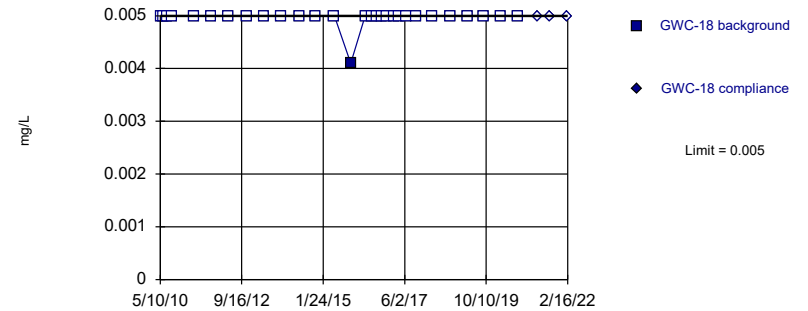


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 93.1% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Selenium, Total Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

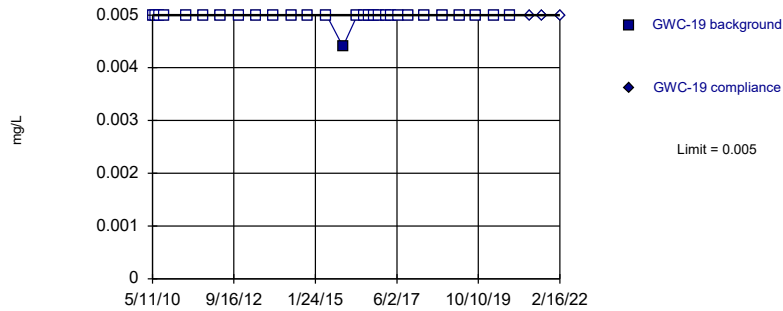


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 96.55% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Selenium, Total Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

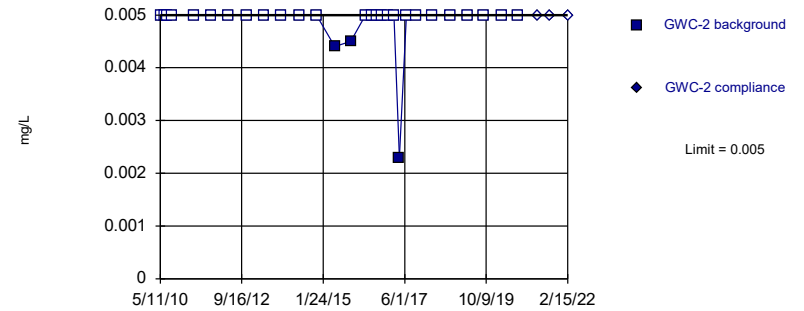


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 96.55% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Selenium, Total Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

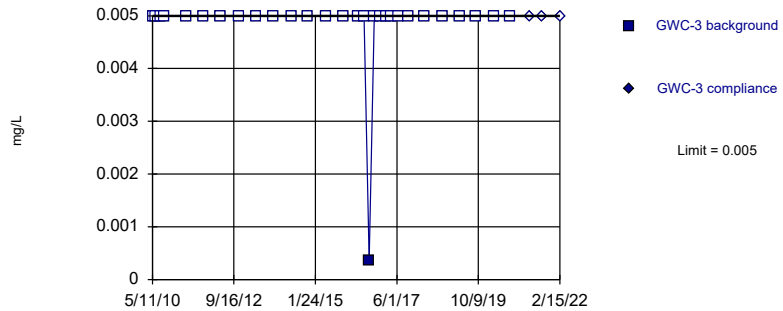


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 89.66% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Selenium, Total Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

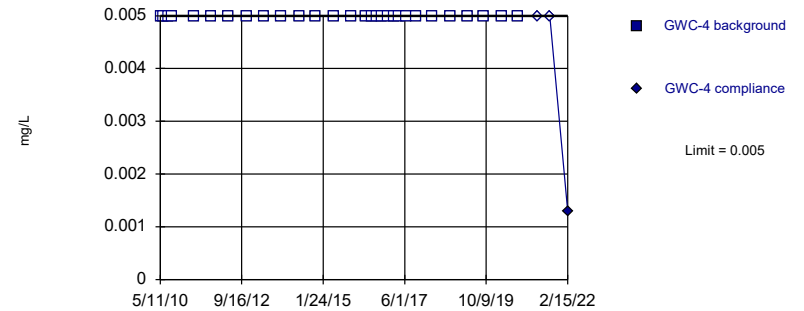


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 96.55% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Selenium, Total Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

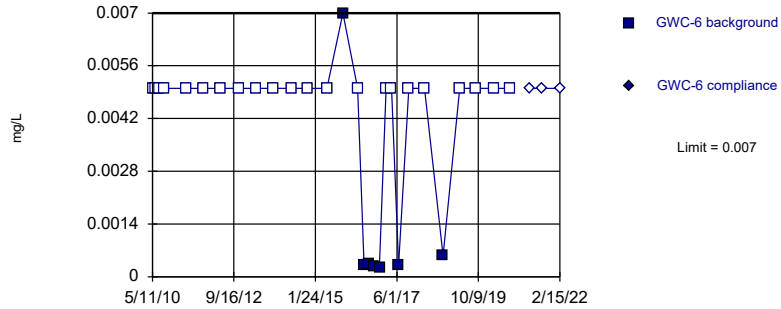


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 29) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Selenium, Total Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

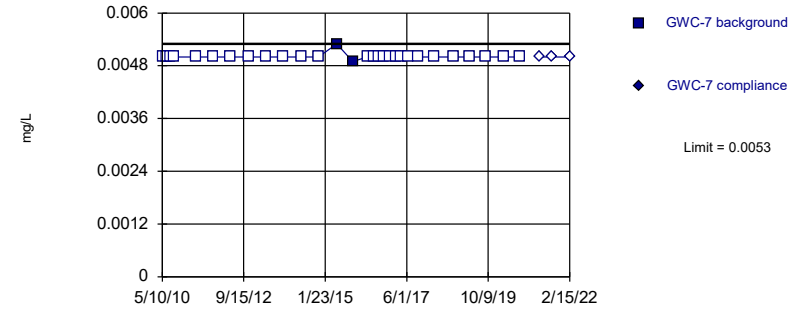


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 75.86% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Selenium, Total Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

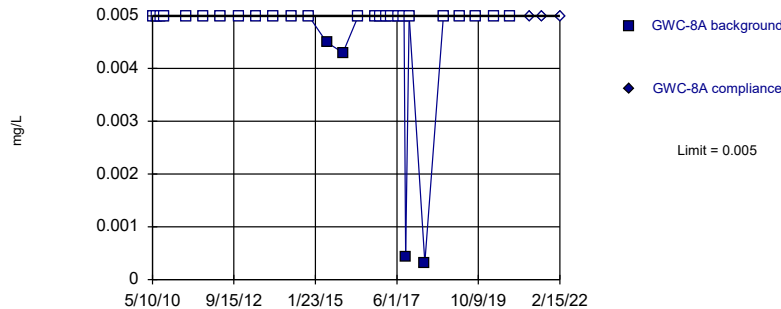


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 93.1% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Selenium, Total Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

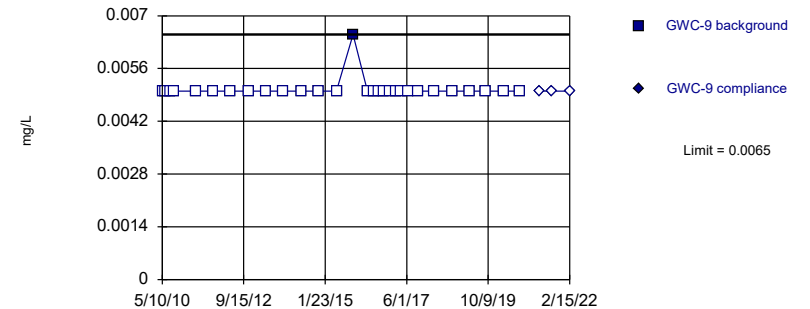


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 86.21% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Selenium, Total Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

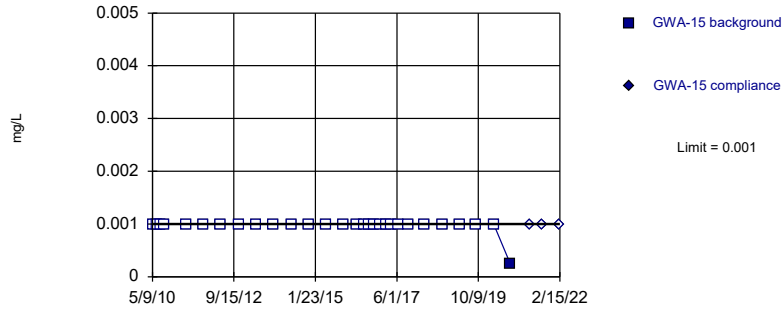


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 96.55% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Selenium, Total Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

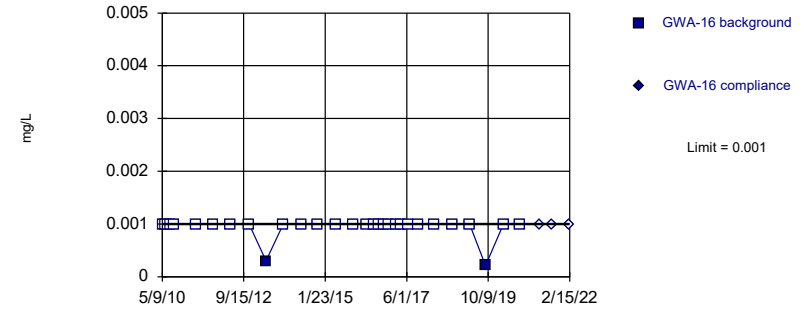


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 96.55% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Thallium, Total Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

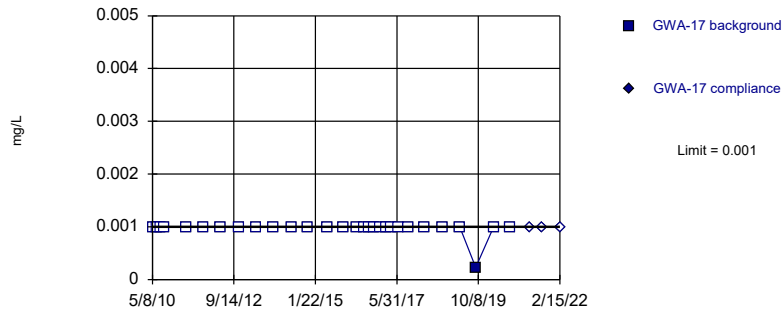


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 93.1% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Thallium, Total Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

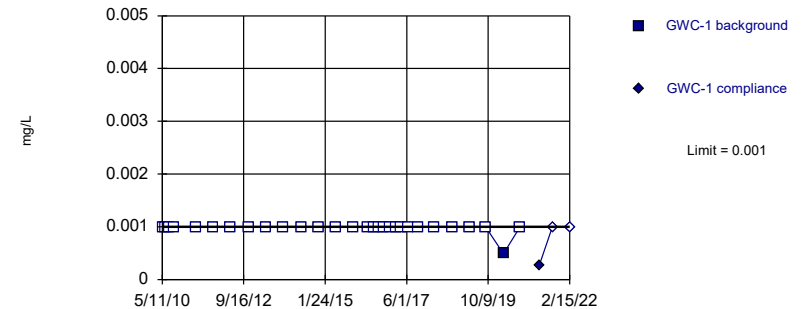


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 96.55% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Thallium, Total Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

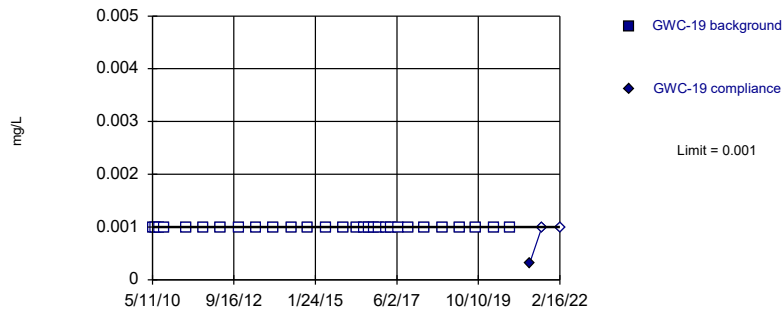


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 96.55% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Thallium, Total Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

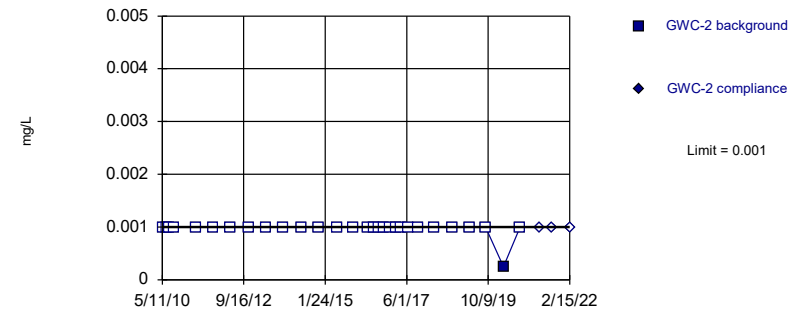


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 29) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Thallium, Total Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

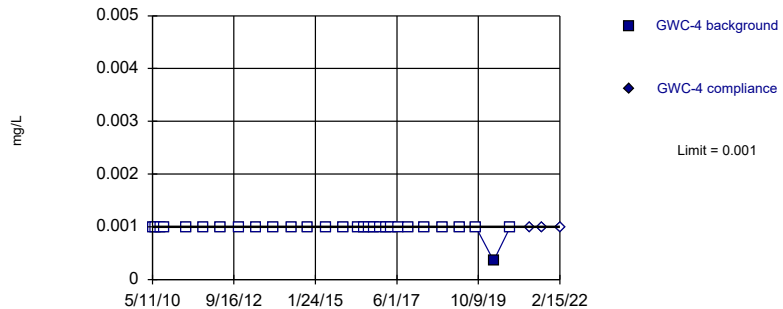


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 96.55% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Thallium, Total Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

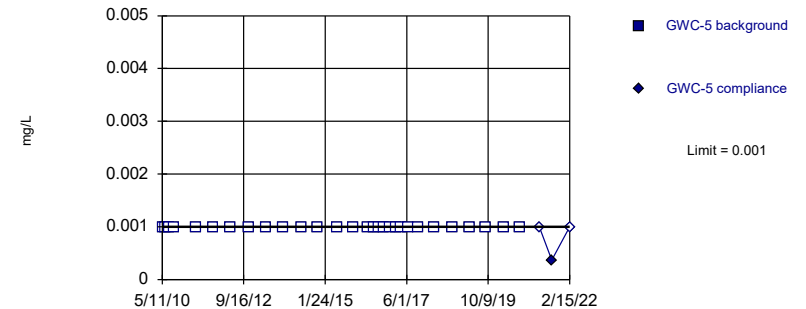


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 96.55% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Thallium, Total Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

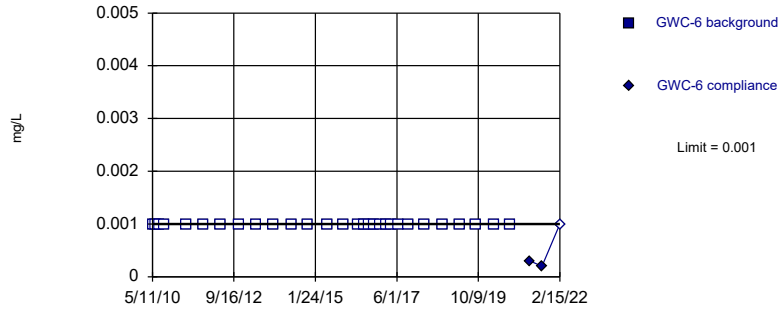


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 29) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Thallium, Total Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

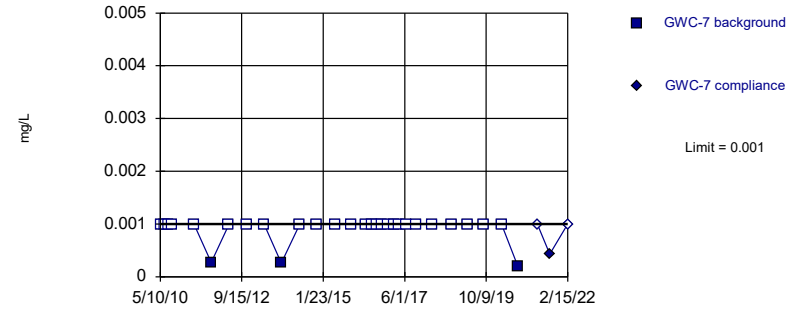


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 29) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Thallium, Total Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

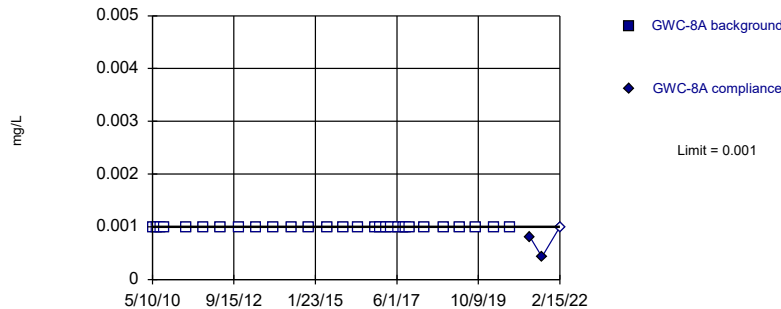


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 89.66% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Thallium, Total Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

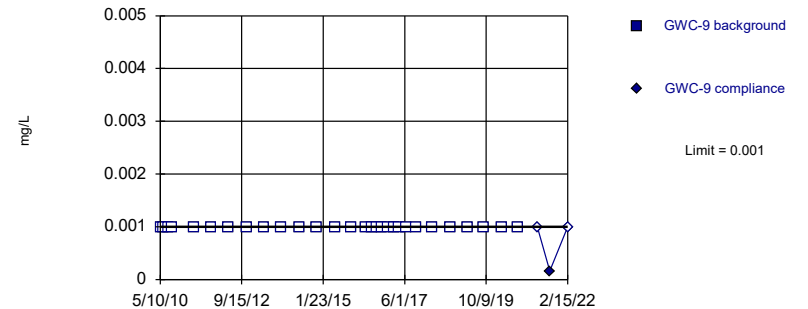


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 29) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Thallium, Total Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

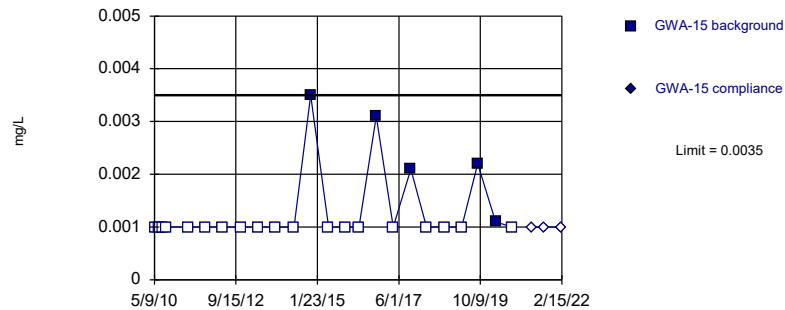


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 29) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Thallium, Total Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

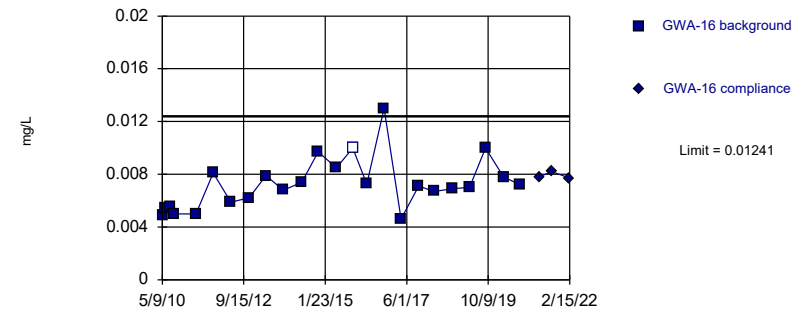


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 79.17% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Vanadium Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

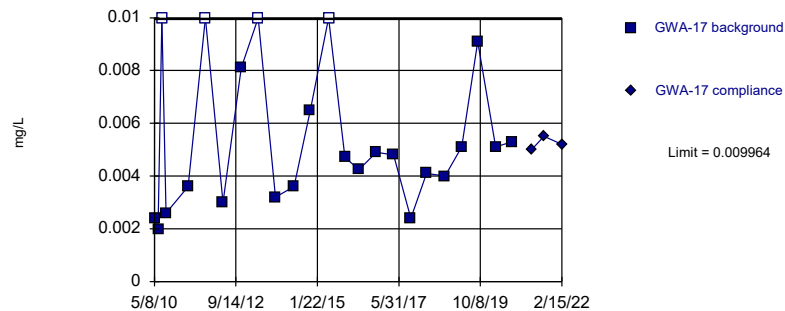


Background Data Summary: Mean=0.007244, Std. Dev.=0.001978, n=24, 4.167% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9179, critical = 0.884. Kappa = 2.609 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Vanadium Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

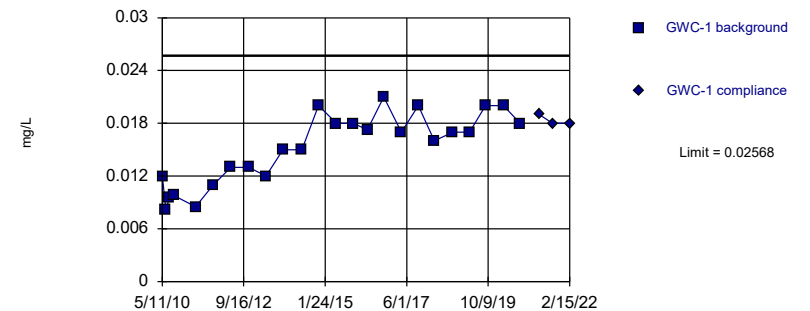


Background Data Summary (based on square root transformation) (after Kaplan-Meier Adjustment): Mean=0.06396, Std. Dev.=0.01374, n=24, 16.67% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.907, critical = 0.884. Kappa = 2.609 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Vanadium Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

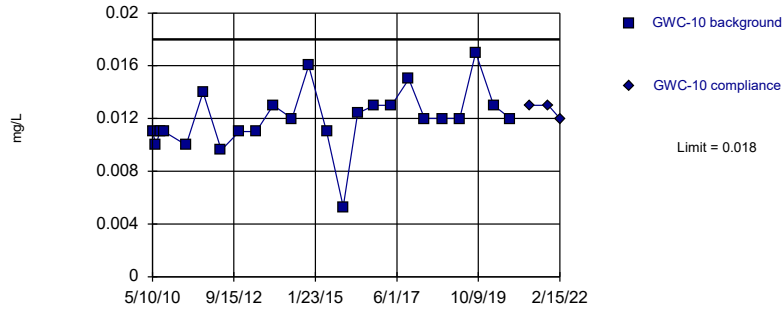


Background Data Summary: Mean=0.01527, Std. Dev.=0.003991, n=24. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9292, critical = 0.884. Kappa = 2.609 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Vanadium Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Parametric

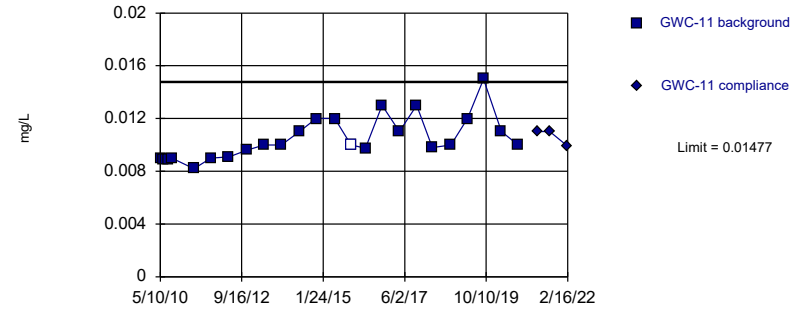


Background Data Summary: Mean=0.01197, Std. Dev.=0.002311, n=24. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9233, critical = 0.884. Kappa = 2.609 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Vanadium Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Parametric

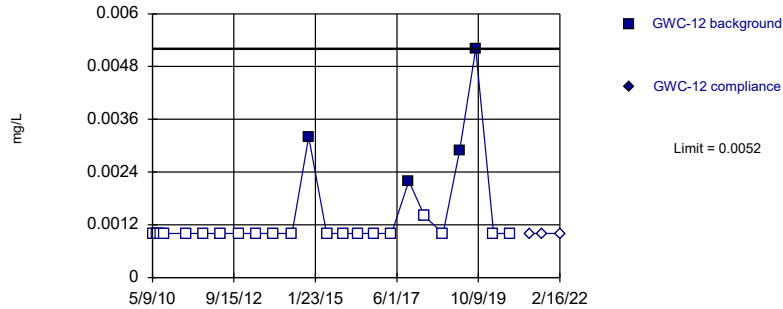


Background Data Summary: Mean=0.01047, Std. Dev.=0.001648, n=24, 4.167% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8992, critical = 0.884. Kappa = 2.609 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Vanadium Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

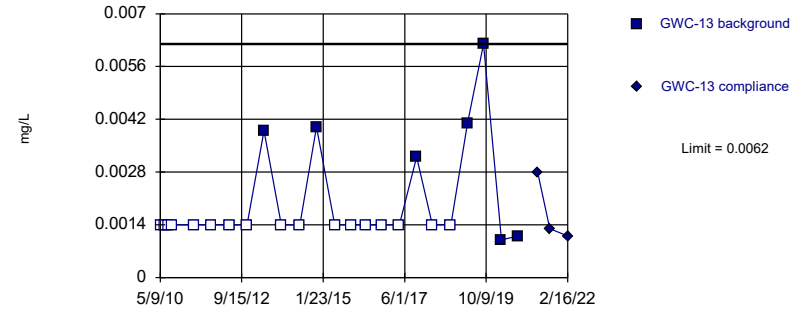


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 83.33% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Vanadium Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

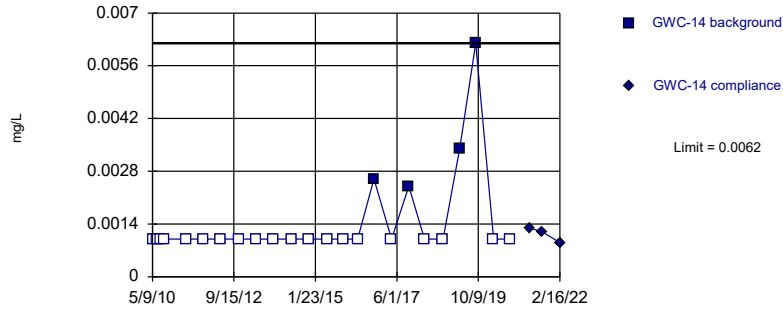


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 70.83% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Vanadium Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

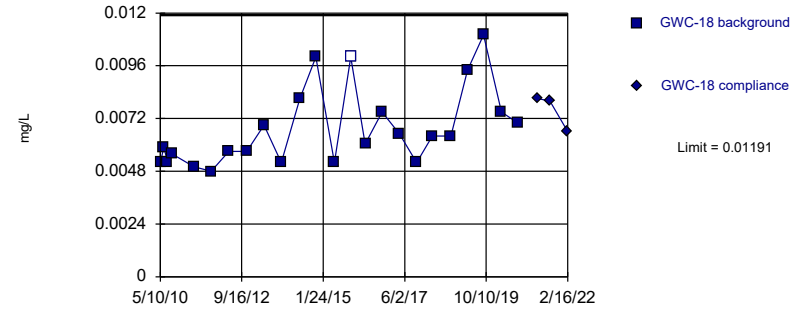


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 83.33% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Vanadium Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

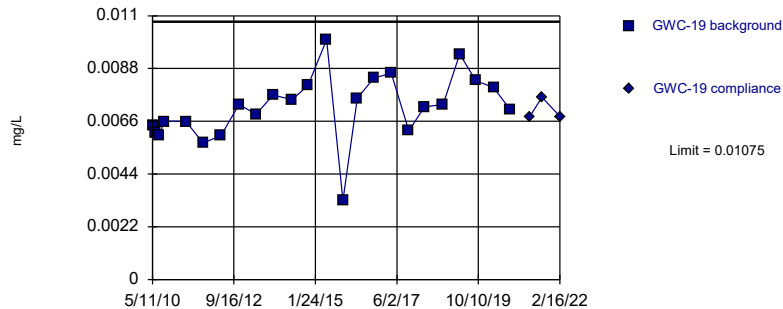


Background Data Summary (based on cube root transformation): Mean=0.1875, Std. Dev.=0.01567, n=24, 4.167% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8887, critical = 0.884. Kappa = 2.609 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Vanadium Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

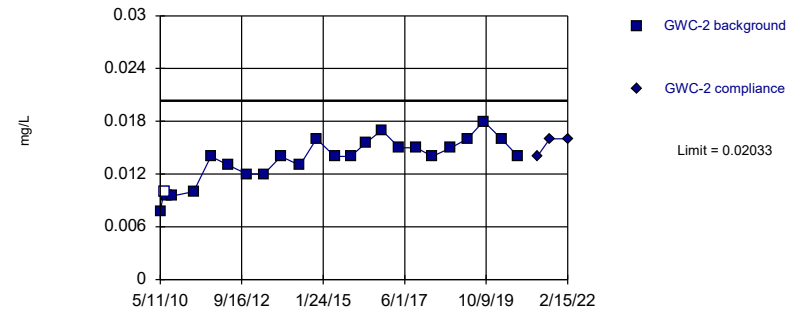


Background Data Summary: Mean=0.007178, Std. Dev.=0.001371, n=24. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9601, critical = 0.884. Kappa = 2.609 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Vanadium Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

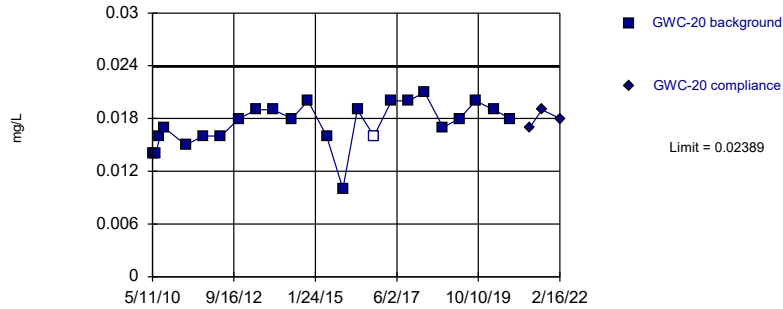


Background Data Summary: Mean=0.01352, Std. Dev.=0.00261, n=24, 4.167% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9448, critical = 0.884. Kappa = 2.609 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Vanadium Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

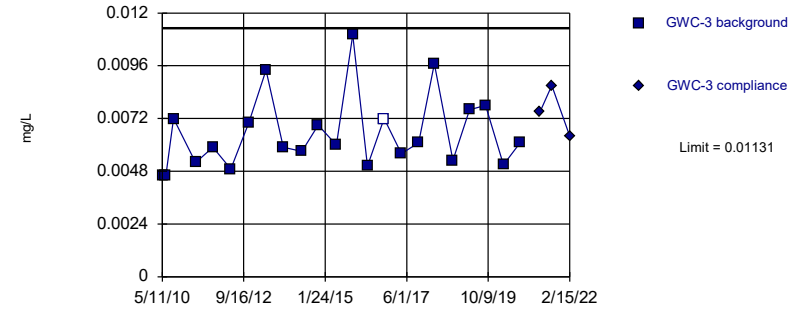


Background Data Summary: Mean=0.01733, Std. Dev.=0.002514, n=24, 4.167% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9211, critical = 0.884. Kappa = 2.609 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Vanadium Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

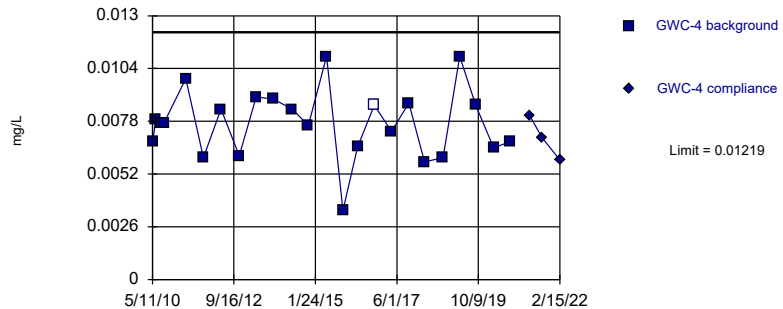


Background Data Summary (based on square root transformation): Mean=0.08012, Std. Dev.=0.009969, n=23, 4.348% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9116, critical = 0.881. Kappa = 2.632 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Vanadium Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

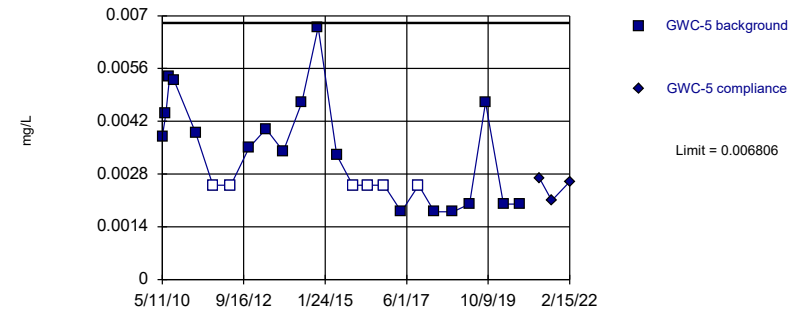


Background Data Summary: Mean=0.007693, Std. Dev.=0.001725, n=24, 4.167% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9665, critical = 0.884. Kappa = 2.609 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Vanadium Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

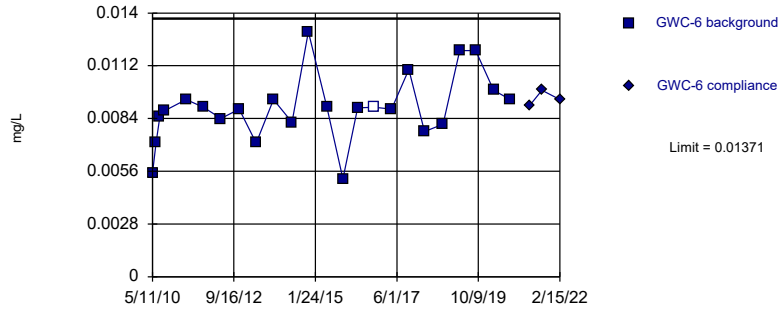


Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.003039, Std. Dev.=0.001444, n=24, 25% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9048, critical = 0.884. Kappa = 2.609 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Vanadium Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Parametric

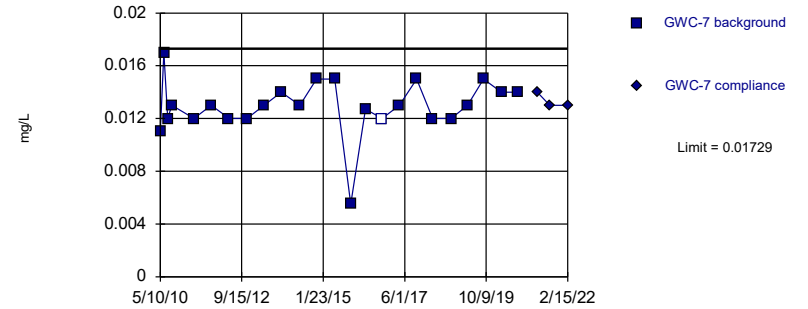


Background Data Summary: Mean=0.008936, Std. Dev.=0.001829, n=24, 4.167% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9399, critical = 0.884. Kappa = 2.609 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Vanadium Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Parametric

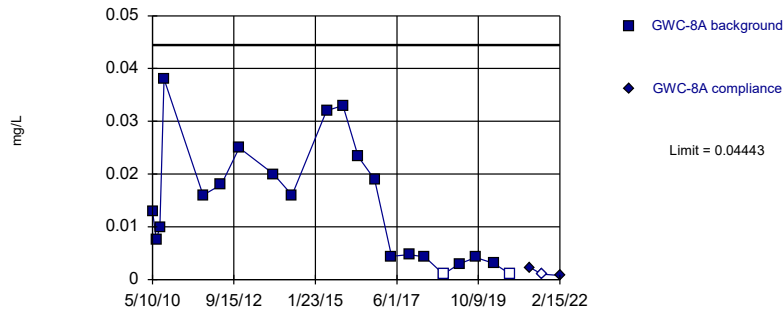


Background Data Summary (based on square transformation): Mean=0.0001713, Std. Dev.=0.0000489, n=24, 4.167% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9045, critical = 0.884. Kappa = 2.609 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Vanadium Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Parametric

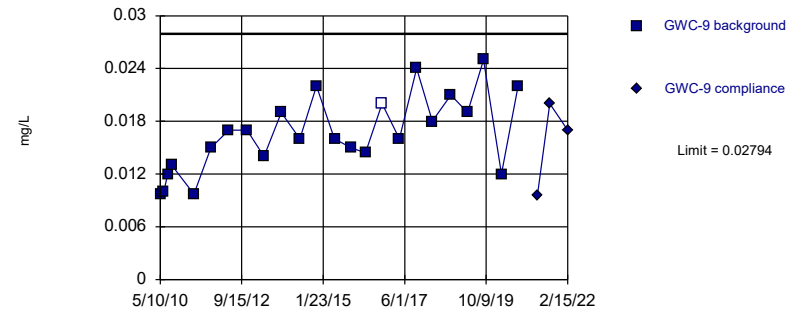


Background Data Summary: Mean=0.01412, Std. Dev.=0.01131, n=21, 9.524% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9106, critical = 0.873. Kappa = 2.68 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Vanadium Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Parametric

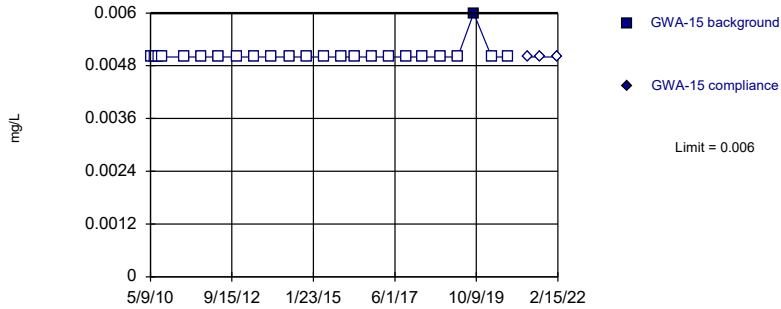


Background Data Summary: Mean=0.01653, Std. Dev.=0.004374, n=24, 4.167% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9688, critical = 0.884. Kappa = 2.609 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Vanadium Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

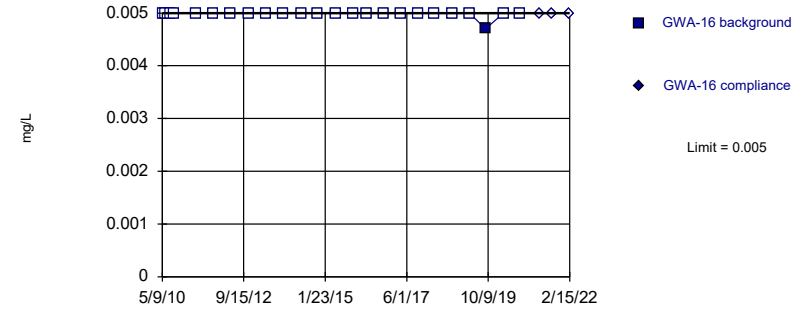


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 95.83% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Zinc Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

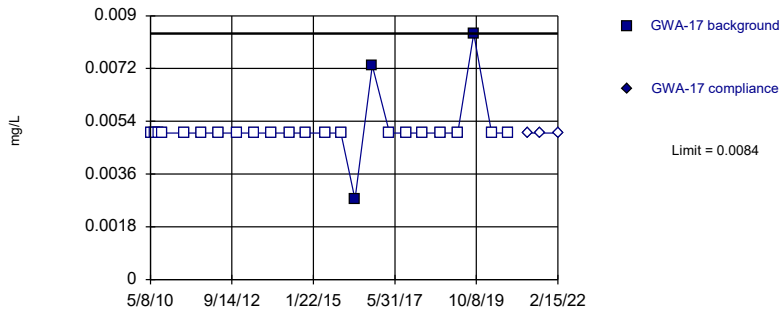


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 95.83% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Zinc Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

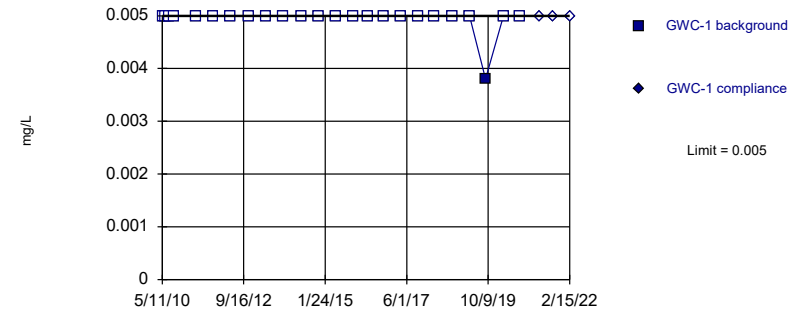


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Zinc Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

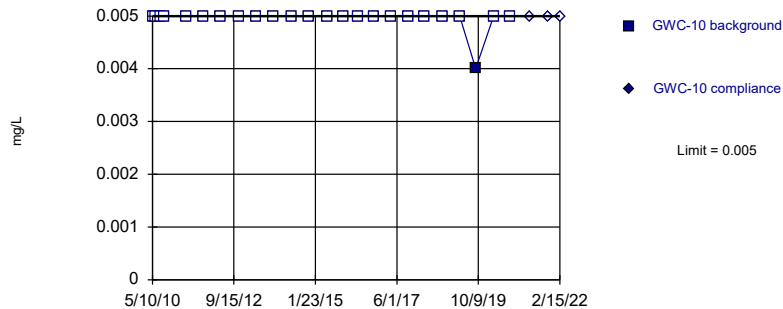


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 95.83% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Zinc Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

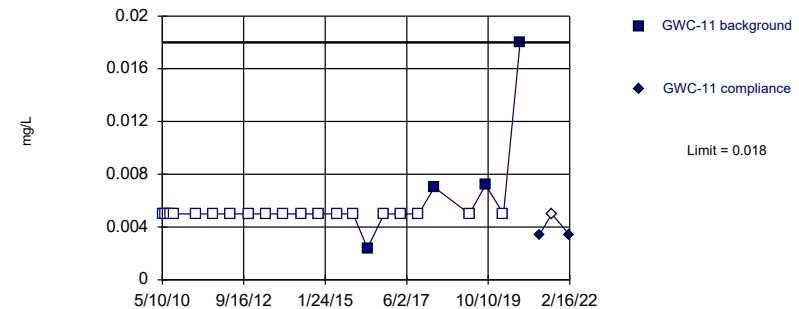


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 95.83% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Zinc Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

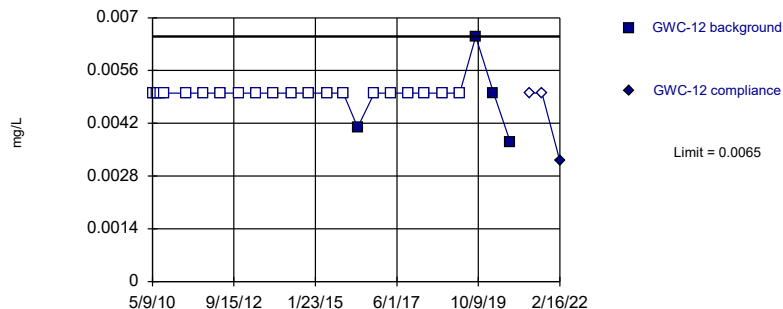


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 82.61% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Zinc Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

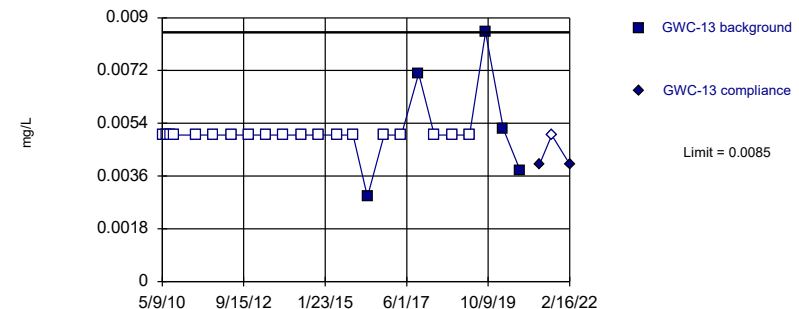


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 83.33% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Zinc Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

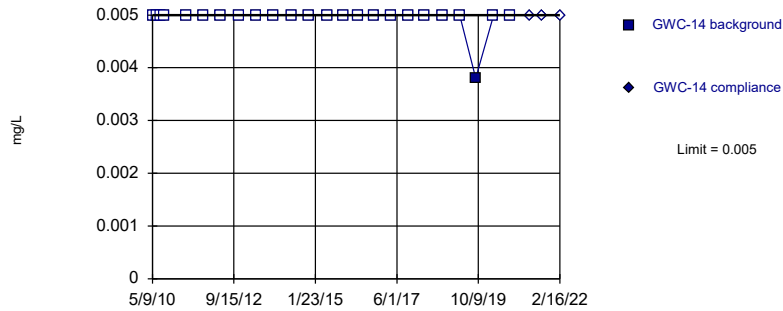


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 79.17% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Zinc Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

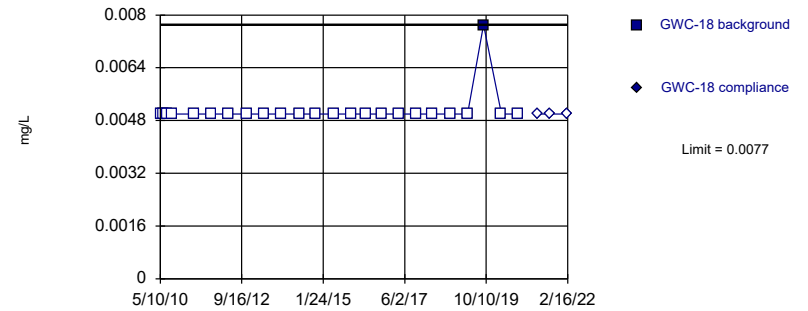


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 95.83% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Zinc Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

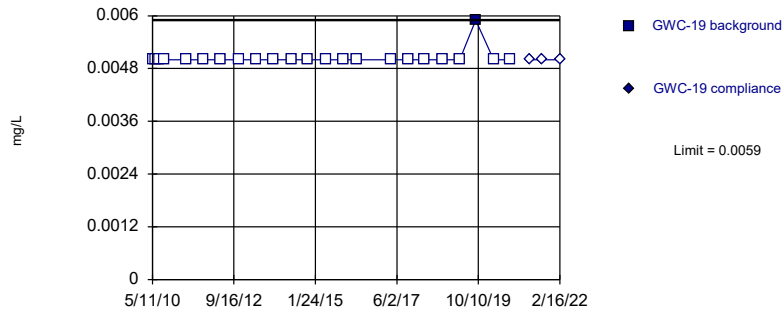


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 95.83% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Zinc Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

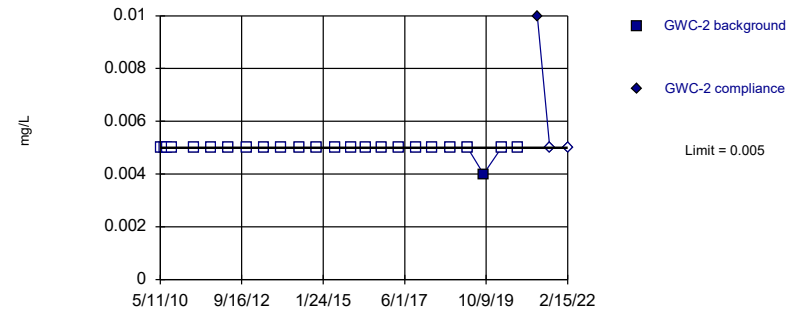


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Zinc Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

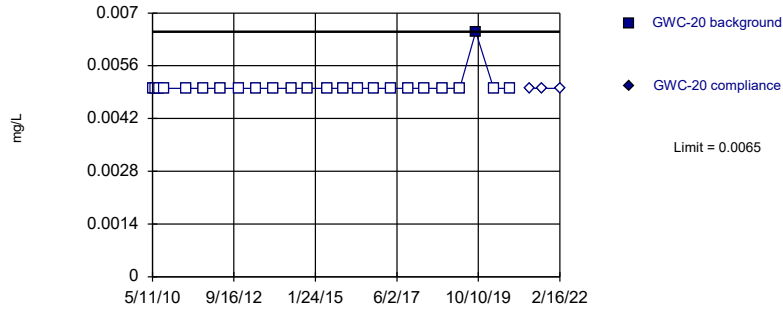


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 95.83% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Zinc Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

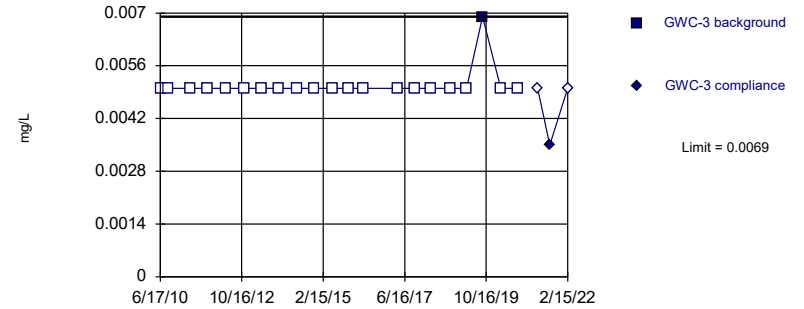


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 95.83% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Zinc Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

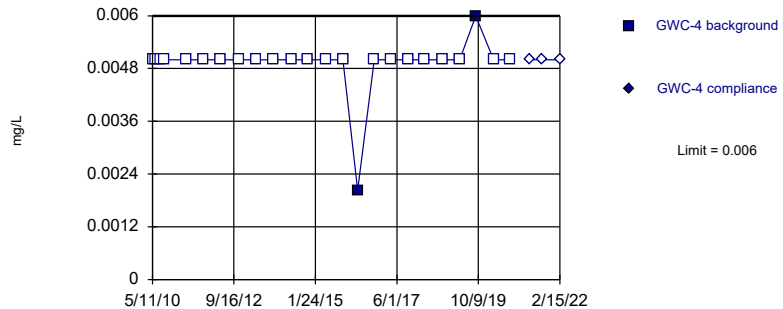


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Zinc Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

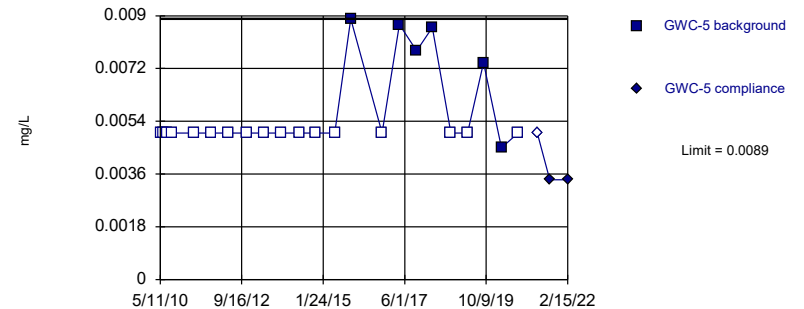


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 91.67% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Zinc Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

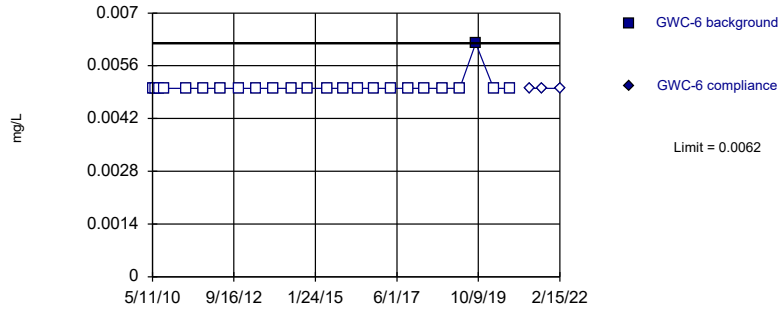


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 73.91% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Zinc Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

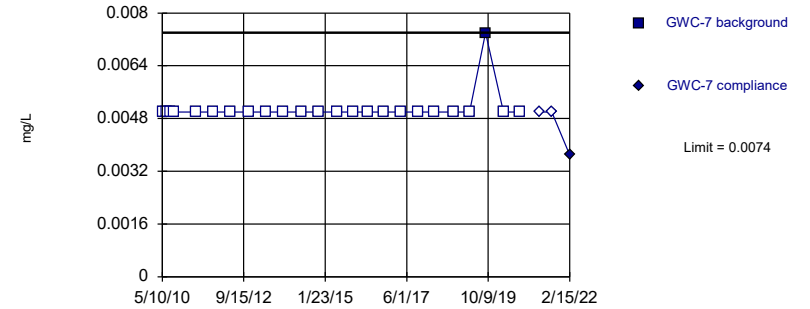


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 95.83% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Zinc Analysis Run 4/8/2022 9:46 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

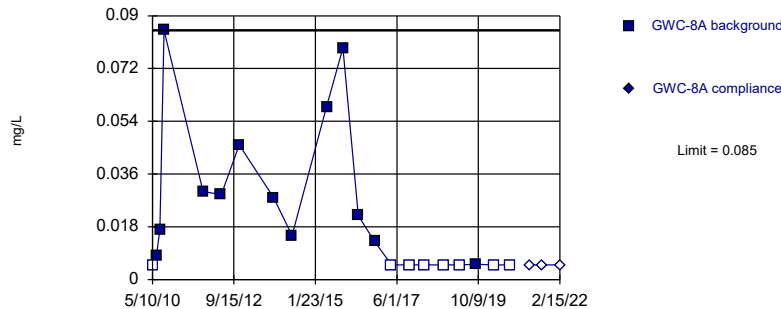


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 95.83% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Zinc Analysis Run 4/8/2022 9:47 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

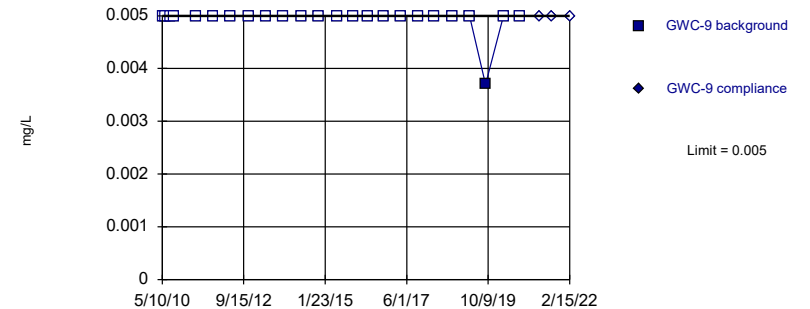


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 21 background values. 38.1% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Zinc Analysis Run 4/8/2022 9:47 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

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).

Constituent: Zinc Analysis Run 4/8/2022 9:47 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Prediction Limit

Constituent: Antimony, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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

Prediction Limit

Constituent: Antimony, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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 (JD)	
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 (D)	
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

Prediction Limit

Constituent: Antimony, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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

Prediction Limit

Constituent: Antimony, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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	
5/23/2015	<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

Prediction Limit

Constituent: Antimony, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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

Prediction Limit

Constituent: Antimony, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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 (D)	
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

Prediction Limit

Constituent: Antimony, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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 (D)	
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

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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 (V)	
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

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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 (V)	
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

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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 (V)	
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

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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 (V)	
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

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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 (V)	
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 (D)	
6/21/2016	0.0286	
8/15/2016	0.024	
10/5/2016	<0.028	
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 (X)	
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
10/18/2021		0.031
2/15/2022		0.036

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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 (V)	
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 (D)	
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 (X)	
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

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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 (V)	
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 (D)	
6/21/2016	0.0173	
8/15/2016	0.015	
10/5/2016	<0.017	
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 (X)	
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

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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 (V)	
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 (D)	
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

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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 (O)	
5/3/2012	0.0054 (O)	
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 (JD)	
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

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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 (V)	
5/8/2013	0.037	
11/6/2013	0.036 (V)	
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

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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 (V)	
5/9/2013	0.017	
11/6/2013	0.018 (V)	
5/22/2014	0.016	
11/8/2014	0.018	
5/23/2015	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

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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 (V)	
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

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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 (V)	
5/9/2013	0.029	
11/6/2013	0.03 (V)	
5/22/2014	0.029	
11/9/2014	0.032	
5/24/2015	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 (X)	
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

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-3	GWC-3
5/11/2010	0.039	
6/17/2010	0.017	
7/28/2010	0.071 (O)	
9/7/2010	0.026	
4/29/2011	0.016	
10/28/2011	0.014	
5/3/2012	0.017	
11/9/2012	0.022 (V)	
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 (D)	
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 (X)	
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

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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 (V)	
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

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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 (V)	
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

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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 (V)	
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

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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 (V)	
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 (D)	
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

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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 (V)	
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

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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 (V)	
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 (D)	
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 (X)	
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

Prediction Limit

Constituent: Beryllium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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	
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

Prediction Limit

Constituent: Beryllium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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

Prediction Limit

Constituent: Beryllium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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 (D)	
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

Prediction Limit

Constituent: Beryllium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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

Prediction Limit

Constituent: Cadmium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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

Prediction Limit

Constituent: Cadmium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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 (D)	
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

Prediction Limit

Constituent: Cadmium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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

Prediction Limit

Constituent: Cadmium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-8A	GWC-8A
5/10/2010	<0.0025	
6/19/2010	<0.0025	
7/28/2010	<0.0025	
9/8/2010	0.001	
4/30/2011	0.0014	
10/27/2011	0.0011	
5/4/2012	<0.0025	
11/11/2012	<0.0025	
5/10/2013	0.0016	
11/7/2013	0.001	
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

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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	
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	<0.002	
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 (D)	
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

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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	<0.01	
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

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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	<0.01	
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

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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 (D)	
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 (J+X)	
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
10/18/2021		0.019
2/15/2022		0.021

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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 (JD)	
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 (X)	
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

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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 (D)	
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	<0.002 (XD)	
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

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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 (JD)	
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 (Q)	
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

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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	
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 (D)	
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

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Inrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Inrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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	
5/23/2015	0.014	
11/10/2015	0.0091 (J)	
4/11/2016	0.00767 (J)	
6/16/2016	<0.01	
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

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-2	GWC-2
5/11/2010	0.0051	
6/19/2010	<0.011	
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

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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	
5/24/2015	0.016	
11/10/2015	0.0088 (J)	
4/12/2016	0.00965 (J)	
6/16/2016	<0.0085	
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 (X)	
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

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Inrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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 (JD)	
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 (X)	
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

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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 (X)	
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

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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 (J+X)	
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

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-6	GWC-6
5/11/2010	<0.012	
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 (X)	
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

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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 (JD)	
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 (J+X)	
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

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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	0.0059	
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 (J+X)	
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

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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 (JD)	
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 (X)	
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

Prediction Limit

Constituent: Cobalt, T Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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 (O)	
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 (JD)	
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

Prediction Limit

Constituent: Cobalt, T Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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 (O)	
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

Prediction Limit

Constituent: Cobalt, T Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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

Prediction Limit

Constituent: Cobalt, T Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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	<0.0025	
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

Prediction Limit

Constituent: Cobalt, T Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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 (D)	
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

Prediction Limit

Constituent: Cobalt, T Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-12	GWC-12
5/9/2010	<0.0004	
6/18/2010	<0.0004	
7/27/2010	<0.0004	
9/8/2010	<0.0004	
4/29/2011	<0.0004	
10/28/2011	<0.0004	
5/3/2012	<0.0004	
11/10/2012	<0.0004	
5/9/2013	<0.0004	
11/6/2013	<0.0004	
5/20/2014	<0.0004	
11/12/2014	<0.0004	
5/23/2015	<0.0004	
11/12/2015	<0.0004	
4/13/2016	<0.0004 (D)	
6/21/2016	0.0004 (J)	
8/15/2016	0.00042 (J)	
10/5/2016	0.00049 (J)	
12/1/2016	<0.0004	
2/8/2017	<0.0004	
4/5/2017	<0.0004	
6/20/2017	0.0004 (J)	
10/5/2017	0.00041 (J)	
3/21/2018	<0.0004	
10/2/2018	<0.0004	
3/26/2019	<0.0004	
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)

Prediction Limit

Constituent: Cobalt, T Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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 (O)	
11/10/2015	<0.0025	
4/11/2016	<0.0025	
6/16/2016	<0.0025	
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

Prediction Limit

Constituent: Cobalt, T Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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	
5/23/2015	<0.0025	
11/10/2015	<0.0025	
4/11/2016	<0.0025	
6/16/2016	<0.0025	
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

Prediction Limit

Constituent: Cobalt, T Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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	0.00015 (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

Prediction Limit

Constituent: Cobalt, T Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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	
5/24/2015	<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

Prediction Limit

Constituent: Cobalt, T Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-3	GWC-3
5/11/2010	<0.0025	
6/17/2010	<0.0025	
7/28/2010	0.0034 (O)	
9/7/2010	<0.0025	
4/29/2011	0.0037 (O)	
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 (D)	
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

Prediction Limit

Constituent: Cobalt, T Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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

Prediction Limit

Constituent: Cobalt, T Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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

Prediction Limit

Constituent: Cobalt, T Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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

Prediction Limit

Constituent: Cobalt, T Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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 (D)	
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

Prediction Limit

Constituent: Cobalt, T Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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 (O)	
10/27/2011	<0.0025	
5/4/2012	<0.0025	
11/11/2012	<0.0025	
5/10/2013	0.0068 (O)	
11/7/2013	<0.0025	
5/21/2014	<0.0025	
11/13/2014	0.0046	
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	<0.0004 (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

Prediction Limit

Constituent: Cobalt, T Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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 (D)	
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

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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)

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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 (D)	
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

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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 (D)	
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

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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 (D)	
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

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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)

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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	
5/24/2015	<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

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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 (D)	
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)

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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)

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-7	GWC-7
5/10/2010	<0.002	
6/18/2010	0.008 (O)	
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 (D)	
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

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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	
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

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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	
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 (D)	
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

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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 (D)	
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
10/18/2021		<0.001
2/15/2022		<0.001

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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 (D)	
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

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-13	GWC-13
5/9/2010	<0.001	
6/18/2010	0.0021	
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	
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 (D)	
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

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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	
11/5/2013	0.0028	
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 (D)	
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

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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	
5/23/2015	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

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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	
5/24/2015	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

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-3	GWC-3
5/11/2010	0.011	
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 (D)	
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

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-5
5/11/2010	<0.001	
6/18/2010	0.0024	
7/27/2010	<0.001	
9/9/2010	<0.001	
4/29/2011	0.0028	
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	
5/22/2014	<0.001	
11/9/2014	<0.001	
5/24/2015	0.0093 (O)	
11/11/2015	0.0071	
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

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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 (D)	
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

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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	
11/11/2015	0.008	
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

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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 (D)	
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

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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	<0.0002	
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 (D)	
10/2/2018	<0.0002 (X)	
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

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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	
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	<0.0002 (X)	
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

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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	
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	<0.0002	
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	<0.0002 (X)	
10/2/2018	<0.0002 (X)	
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

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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	<0.0002	
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	<0.0002 (X)	
10/2/2018	<0.0002 (X)	
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

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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 (D)	
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	<0.0002 (X)	
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

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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	
11/6/2013	0.00014	
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 (D)	
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	<0.0002 (X)	
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

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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	
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 (D)	
6/21/2016	<0.0002	
8/15/2016	<0.0002	
10/7/2016	<0.0002	
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	<0.0002 (X)	
10/3/2018	<0.0002 (X)	
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

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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	
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 (D)	
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	<0.0002 (X)	
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

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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	<0.0002	
10/5/2016	<0.0002	
11/29/2016	<0.0002	
2/8/2017	8.9E-05	
4/6/2017	<0.0002	
6/21/2017	<0.0002	
10/5/2017	<0.0002	
3/20/2018	<0.0002	
10/2/2018	<0.0002 (X)	
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

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-19
5/11/2010	<0.0002	
6/16/2010	<0.0002	
7/27/2010	<0.0002	
9/7/2010	0.00011	
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	
5/23/2015	<0.0002	
11/10/2015	<0.0002	
4/11/2016	<0.0002	
6/16/2016	<0.0002	
8/11/2016	<0.0002	
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 (X)	
10/2/2018	<0.0002 (X)	
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

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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	
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	
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	<0.0002	
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	<0.0002 (X)	
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

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-20	GWC-20
5/11/2010	8.5E-05	
6/17/2010	<0.0002	
7/27/2010	<0.0002	
9/7/2010	0.0001	
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	
5/24/2015	<0.0002	
11/10/2015	<0.0002	
4/12/2016	<0.0002	
6/16/2016	<0.0002	
8/11/2016	<0.0002	
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	<0.0002 (X)	
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)

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-3	GWC-3
5/11/2010	<0.0002	
6/17/2010	<0.0002	
7/28/2010	<0.0002	
9/7/2010	0.00012	
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	
11/6/2013	0.00014	
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 (D)	
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	<0.0002 (X)	
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

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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	<0.0002 (X)	
10/3/2018	<0.0002 (X)	
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

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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	
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	<0.0002 (X)	
10/3/2018	<0.0002 (X)	
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

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-6	GWC-6
5/11/2010	<0.0002	
6/18/2010	<0.0002	
7/27/2010	<0.0002	
9/9/2010	0.00017	
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	
11/7/2013	0.00011	
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	<0.0002 (X)	
10/3/2018	<0.0002 (X)	
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

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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	
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 (D)	
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	<0.0002 (X)	
10/4/2018	<0.0002 (X)	
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

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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	
11/7/2013	0.00019	
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	0.000155 (D)	
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	<0.0002 (X)	
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

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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	
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 (D)	
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	<0.0002 (X)	
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

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15	GWA-15
5/9/2010	<0.0018	
6/18/2010	<0.0018	
7/28/2010	<0.0018	
9/9/2010	<0.0018	
4/30/2011	<0.0018	
10/28/2011	<0.0018	
5/2/2012	<0.0018	
11/9/2012	<0.0018	
5/8/2013	<0.0018	
11/5/2013	<0.0018	
5/20/2014	<0.0018	
11/12/2014	<0.0018	
5/22/2015	<0.0018	
11/11/2015	<0.0018	
4/6/2016	0.00202 (J)	
10/4/2016	<0.0018	
4/4/2017	<0.0018	
10/4/2017	<0.0018	
3/20/2018	<0.0018 (D)	
10/2/2018	<0.0018	
3/26/2019	<0.0018	
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)

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-1	GWC-1
5/11/2010	<0.0018	
6/17/2010	<0.0018	
7/27/2010	<0.0018	
9/9/2010	<0.0018	
4/28/2011	0.0086 (O)	
10/29/2011	<0.0018	
5/3/2012	<0.0018	
11/9/2012	<0.0018	
5/9/2013	<0.0018	
11/5/2013	<0.0018	
5/23/2014	<0.0018	
11/13/2014	<0.0018	
5/23/2015	<0.0018	
11/11/2015	<0.0018	
4/12/2016	<0.0018	
10/4/2016	<0.0018	
4/5/2017	<0.0018	
10/4/2017	<0.0018	
3/20/2018	<0.0018	
10/2/2018	<0.0018	
3/26/2019	<0.0018	
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)

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-10	GWC-10
5/10/2010	<0.0018	
6/16/2010	<0.0018	
7/28/2010	<0.0018	
9/8/2010	<0.0018	
4/29/2011	<0.0018	
10/27/2011	<0.0018	
5/4/2012	<0.0018	
11/11/2012	<0.0018	
5/9/2013	<0.0018	
11/5/2013	<0.0018	
5/21/2014	<0.0018	
11/12/2014	<0.0018	
5/23/2015	<0.0018	
11/12/2015	<0.0018	
4/13/2016	0.00271	
10/5/2016	<0.0018	
4/6/2017	<0.0018	
10/5/2017	<0.0018	
3/21/2018	<0.0018	
10/2/2018	0.0018 (J)	
3/27/2019	<0.0018	
9/11/2019	0.0016	
3/18/2020	0.0016	
9/9/2020	0.0021	
4/1/2021		0.0012
10/18/2021		0.002
2/15/2022		0.0022

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-11
5/10/2010	<0.0018	
6/16/2010	<0.0018	
7/27/2010	<0.0018	
9/8/2010	<0.0018	
4/29/2011	<0.0018	
10/27/2011	<0.0018	
5/4/2012	<0.0018	
11/10/2012	<0.0018	
5/9/2013	<0.0018	
11/6/2013	<0.0018	
5/20/2014	<0.0018	
11/12/2014	<0.0018	
5/24/2015	<0.0018	
11/12/2015	<0.0018	
4/13/2016	<0.0018 (D)	
10/5/2016	<0.0018	
4/6/2017	<0.0018	
10/5/2017	<0.0018	
3/21/2018	<0.0018	
10/2/2018	<0.0018	
3/27/2019	<0.0018	
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)

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-12	GWC-12
5/9/2010	<0.0018	
6/18/2010	<0.0018	
7/27/2010	<0.0018	
9/8/2010	<0.0018	
4/29/2011	<0.0018	
10/28/2011	<0.0018	
5/3/2012	<0.0018	
11/10/2012	<0.0018	
5/9/2013	<0.0018	
11/6/2013	<0.0018	
5/20/2014	<0.0018	
11/12/2014	<0.0018	
5/23/2015	<0.0018	
11/12/2015	<0.0018	
4/13/2016	<0.0018 (D)	
10/5/2016	<0.0018	
4/5/2017	<0.0018	
10/5/2017	<0.0018	
3/21/2018	<0.0018 (D)	
10/2/2018	<0.0018	
3/26/2019	<0.0018	
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)

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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 (D)	
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

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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 (O)	
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

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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	
5/23/2015	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

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-2	GWC-2
5/11/2010	0.0033 (O)	
6/19/2010	<0.0018	
7/27/2010	<0.0018	
9/9/2010	<0.0018	
4/28/2011	<0.0018	
10/28/2011	<0.0018	
5/3/2012	<0.0018	
11/9/2012	<0.0018	
5/9/2013	<0.0018	
11/5/2013	<0.0018	
5/22/2014	<0.0018	
11/13/2014	<0.0018	
5/24/2015	<0.0018	
11/11/2015	<0.0018	
4/12/2016	0.00206 (J)	
10/4/2016	0.0023 (J)	
4/6/2017	<0.0018	
10/4/2017	0.0021 (J)	
3/20/2018	<0.0018	
10/2/2018	<0.0018	
3/26/2019	<0.0018	
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

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-20	GWC-20
5/11/2010	<0.0018	
6/17/2010	<0.0018	
7/27/2010	<0.0018	
9/7/2010	<0.0018	
4/29/2011	<0.0018	
10/28/2011	0.003 (J)	
5/3/2012	<0.0018	
11/10/2012	<0.0018	
5/9/2013	<0.0018	
11/6/2013	<0.0018	
5/22/2014	<0.0018	
11/9/2014	<0.0018	
5/24/2015	0.0063 (O)	
11/10/2015	<0.0018	
4/12/2016	<0.0018	
10/5/2016	<0.0018	
4/6/2017	0.002 (J)	
10/5/2017	<0.0018	
3/21/2018	<0.0018	
10/3/2018	<0.0018	
3/26/2019	<0.0018	
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)

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-3	GWC-3
5/11/2010	<0.0018	
6/17/2010	<0.0018	
7/28/2010	0.019 (O)	
9/7/2010	0.0093 (O)	
4/29/2011	<0.0018	
10/28/2011	<0.0018	
5/3/2012	<0.0018	
11/9/2012	0.0035 (J)	
5/10/2013	0.0081 (O)	
11/6/2013	<0.0018	
5/22/2014	<0.0018	
11/9/2014	<0.0018	
5/22/2015	<0.0018	
11/10/2015	<0.0018	
4/12/2016	<0.0018 (D)	
10/5/2016	<0.0018	
4/6/2017	<0.0018	
10/5/2017	<0.0018	
3/21/2018	0.0022 (J)	
10/3/2018	0.0018 (J)	
3/26/2019	<0.0018	
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

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-4	GWC-4
5/11/2010	<0.0018	
6/17/2010	<0.0018	
7/28/2010	<0.0018	
9/8/2010	<0.0018	
4/28/2011	<0.0018	
10/29/2011	<0.0018	
5/3/2012	<0.0018	
11/10/2012	<0.0018	
5/10/2013	<0.0018	
11/6/2013	<0.0018	
5/22/2014	<0.0018	
11/9/2014	<0.0018	
5/22/2015	<0.0018	
11/11/2015	<0.0018	
4/12/2016	<0.0018	
10/6/2016	0.0021 (J)	
4/6/2017	<0.0018	
10/6/2017	<0.0018	
3/21/2018	<0.0018	
10/3/2018	<0.0018	
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)

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-5
5/11/2010	<0.0018	
6/18/2010	<0.0018	
7/27/2010	<0.0018	
9/9/2010	<0.0018	
4/29/2011	<0.0018	
10/28/2011	<0.0018	
5/4/2012	<0.0018	
11/10/2012	<0.0018	
5/9/2013	<0.0018	
11/6/2013	<0.0018	
5/22/2014	<0.0018	
11/9/2014	<0.0018	
5/24/2015	0.006 (O)	
11/11/2015	<0.0018	
4/19/2016	0.00268 (J)	
10/6/2016	<0.0018	
4/6/2017	0.0018 (J)	
10/5/2017	<0.0018	
3/22/2018	0.0019 (J)	
10/3/2018	<0.0018	
3/27/2019	<0.0018	
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

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-6	GWC-6
5/11/2010	0.0034	
6/18/2010	0.0046	
7/27/2010	<0.0018	
9/9/2010	<0.0018	
4/30/2011	<0.0018	
10/29/2011	<0.0018	
5/4/2012	<0.0018	
11/10/2012	0.0053	
5/9/2013	<0.0018	
11/7/2013	<0.0018	
5/21/2014	<0.0018	
11/9/2014	<0.0018	
5/24/2015	0.0047	
11/11/2015	<0.0018	
4/12/2016	<0.0018	
10/6/2016	<0.0018	
4/6/2017	<0.0018	
10/6/2017	<0.0018	
3/21/2018	<0.0018	
10/3/2018	<0.0018	
3/26/2019	<0.0018	
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)

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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	
11/11/2015	<0.001	
4/13/2016	<0.001 (D)	
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

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-8A	GWC-8A
5/10/2010	<0.0018	
6/19/2010	<0.0018	
7/28/2010	<0.0018	
9/8/2010	<0.0018	
4/30/2011	0.008 (O)	
10/27/2011	0.0044 (J)	
5/4/2012	0.0032 (J)	
11/11/2012	0.0069	
5/10/2013	0.0093 (O)	
11/7/2013	0.0033 (J)	
5/21/2014	<0.0018	
11/13/2014	0.0049 (J)	
5/23/2015	0.003 (J)	
11/11/2015	<0.0018	
4/19/2016	0.00247 (J)	
10/10/2016	<0.0018	
4/7/2017	0.0022 (J)	
10/9/2017	<0.0018	
3/22/2018	<0.0018	
10/4/2018	<0.0018	
3/27/2019	<0.0018	
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

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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 (D)	
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

Prediction Limit

Constituent: Selenium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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 (D)	
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

Prediction Limit

Constituent: Selenium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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	
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

Prediction Limit

Constituent: Selenium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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	
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

Prediction Limit

Constituent: Selenium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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	
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	<0.005 (X)	
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

Prediction Limit

Constituent: Selenium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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	
11/12/2015	0.0046	
4/13/2016	<0.005 (D)	
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

Prediction Limit

Constituent: Selenium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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	0.0042	
4/13/2016	<0.005 (D)	
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	
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

Prediction Limit

Constituent: Selenium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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	
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 (D)	
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 (D)	
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

Prediction Limit

Constituent: Selenium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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	
4/13/2016	<0.005 (D)	
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

Prediction Limit

Constituent: Selenium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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	
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

Prediction Limit

Constituent: Selenium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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	
5/23/2015	<0.005	
11/10/2015	0.0044	
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

Prediction Limit

Constituent: Selenium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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	
11/11/2015	0.0045	
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	<0.005	
10/4/2017	<0.005	
3/20/2018	<0.005 (X)	
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

Prediction Limit

Constituent: Selenium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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 (D)	
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

Prediction Limit

Constituent: Selenium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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	<0.005 (X)	
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)

Prediction Limit

Constituent: Selenium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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	
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	<0.005 (X)	
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

Prediction Limit

Constituent: Selenium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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	
11/11/2015	0.0049	
4/13/2016	<0.005 (D)	
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

Prediction Limit

Constituent: Selenium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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	
11/11/2015	0.0043	
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

Prediction Limit

Constituent: Selenium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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	
4/13/2016	<0.005 (D)	
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	<0.005 (X)	
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

Prediction Limit

Constituent: Thallium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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 (D)	
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

Prediction Limit

Constituent: Thallium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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	
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

Prediction Limit

Constituent: Thallium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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

Prediction Limit

Constituent: Thallium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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

Prediction Limit

Constituent: Thallium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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	
5/23/2015	<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

Prediction Limit

Constituent: Thallium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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

Prediction Limit

Constituent: Thallium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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

Prediction Limit

Constituent: Thallium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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

Prediction Limit

Constituent: Thallium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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

Prediction Limit

Constituent: Thallium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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	
5/4/2012	<0.001	
11/10/2012	<0.001	
5/9/2013	<0.001	
11/7/2013	0.00026	
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 (D)	
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

Prediction Limit

Constituent: Thallium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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

Prediction Limit

Constituent: Thallium, Total (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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 (D)	
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

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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	0.0035 (J)	
5/22/2015	<0.001	
11/11/2015	<0.001	
4/6/2016	<0.001	
10/4/2016	0.0031	
4/4/2017	<0.001	
10/4/2017	0.0021 (J)	
3/20/2018	<0.001 (D)	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/10/2019	0.0022	
3/18/2020	0.0011	
9/9/2020	<0.001	
4/1/2021		<0.001
8/11/2021		<0.001
2/15/2022		<0.001

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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 (D)	
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
10/18/2021		0.013
2/15/2022		0.012

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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 (JD)	
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

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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	0.0032 (J)	
5/23/2015	<0.001	
11/12/2015	<0.001	
4/13/2016	<0.001 (D)	
10/5/2016	<0.001	
4/5/2017	<0.001	
10/5/2017	0.0022 (J)	
3/21/2018	<0.0014 (JX)	
10/2/2018	<0.001	
3/26/2019	0.0029	
9/11/2019	0.0052	
3/18/2020	<0.001	
9/10/2020	<0.001	
4/1/2021		<0.001
8/11/2021		<0.001
2/16/2022		<0.001

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-13	GWC-13
5/9/2010	<0.0014	
6/18/2010	<0.0014	
7/29/2010	<0.0014	
9/9/2010	<0.0014	
4/26/2011	<0.0014	
10/28/2011	<0.0014	
5/4/2012	<0.0014	
11/11/2012	<0.0014	
5/8/2013	0.0039 (J)	
11/7/2013	<0.0014	
5/20/2014	<0.0014	
11/12/2014	0.004 (J)	
5/24/2015	<0.0014	
11/12/2015	<0.0014	
4/13/2016	<0.0014 (D)	
10/7/2016	<0.0014	
4/6/2017	<0.0014	
10/6/2017	0.0032	
3/22/2018	<0.0014	
10/3/2018	<0.0014	
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

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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	<0.001	
11/5/2013	<0.001	
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 (D)	
10/4/2016	0.0026	
4/6/2017	<0.001	
10/5/2017	0.0024 (J)	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	0.0034	
9/11/2019	0.0062	
3/18/2020	<0.001	
9/9/2020	<0.001	
4/1/2021		0.0013
8/11/2021		0.0012
2/16/2022		0.00091 (J)

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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)	
5/23/2015	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

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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	
5/24/2015	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

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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 (JD)	
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

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-6	GWC-6
5/11/2010	0.0055	
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	
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

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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 (D)	
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

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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 (D)	
4/7/2017	0.0044	
10/9/2017	0.0047	
3/22/2018	0.0043	
10/4/2018	<0.001	
3/27/2019	0.003	
9/11/2019	0.0042	
3/18/2020	0.0031	
9/9/2020	<0.001	
4/5/2021		0.0023
8/12/2021		<0.001
2/15/2022		0.00079 (J)

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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 (D)	
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

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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 (D)	
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

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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 (D)	
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
10/18/2021		<0.005
2/15/2022		<0.005

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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 (JD)	
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)

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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 (JD)	
10/5/2016	<0.005	
4/5/2017	<0.005	
10/5/2017	<0.005	
3/21/2018	<0.005 (D)	
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)

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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 (JD)	
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)

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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 (D)	
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

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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	
5/23/2015	<0.005	
11/10/2015	<0.005	
4/11/2016	<0.005	
10/5/2016	0.0085 (O)	
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

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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	
5/24/2015	<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

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-3	GWC-3
5/11/2010	0.018 (O)	
6/17/2010	<0.005	
7/28/2010	0.016 (O)	
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 (D)	
10/5/2016	0.01 (O)	
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

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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)

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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 (D)	
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)

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/8/2022 9:48 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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 (D)	
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

FIGURE E.

Appendix III Intrawell Prediction Limits - Significant Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 4/8/2022, 10:03 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NBq	Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method
Calcium (mg/L)	GWC-8A	45.47	n/a	2/15/2022	49	Yes	10	25.9	6.402	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWA-15	6.3	n/a	2/15/2022	6.5	Yes	15	n/a	n/a	0	n/a	n/a	0.007533	NP Intra (normality) 1 of 2
Chloride (mg/L)	GWC-10	4.3	n/a	2/15/2022	4.6	Yes	15	n/a	n/a	0	n/a	n/a	0.007533	NP Intra (normality) 1 of 2
Chloride (mg/L)	GWC-7	2.5	n/a	2/15/2022	2.7	Yes	15	n/a	n/a	0	n/a	n/a	0.007533	NP Intra (normality) 1 of 2
Fluoride (mg/L)	GWC-1	0.1091	n/a	2/15/2022	0.12	Yes	15	0.006016	0.00223	33.33	Kaplan-Meier	x^2	0.0004426	Param Intra 1 of 2
Fluoride (mg/L)	GWC-5	0.082	n/a	2/15/2022	0.16	Yes	15	n/a	n/a	66.67	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
pH (S.U.)	GWC-1	6.745	6.3	2/15/2022	6.83	Yes	18	6.522	0.08869	0	None	No	0.0002213	Param Intra 1 of 2
pH (S.U.)	GWC-18	6.46	6.164	2/16/2022	6.54	Yes	18	6.312	0.05897	0	None	No	0.0002213	Param Intra 1 of 2
pH (S.U.)	GWC-20	6.664	6.342	2/16/2022	6.71	Yes	18	6.503	0.06408	0	None	No	0.0002213	Param Intra 1 of 2
pH (S.U.)	GWC-5	6.158	5.348	2/15/2022	6.16	Yes	18	5.753	0.1613	0	None	No	0.0002213	Param Intra 1 of 2
Sulfate (mg/L)	GWC-1	1	n/a	2/15/2022	1.5	Yes	15	n/a	n/a	40	n/a	n/a	0.007533	NP Intra (normality) 1 of 2
Sulfate (mg/L)	GWC-10	1.475	n/a	2/15/2022	3.5	Yes	11	0.7701	0.2398	27.27	Kaplan-Meier	No	0.0004426	Param Intra 1 of 2
Sulfate (mg/L)	GWC-4	6.288	n/a	2/15/2022	20	Yes	15	2.937	1.27	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-CCR Printed 4/8/2022, 10:03 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NBg	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	GWA-17	0.08	n/a	2/15/2022	0.08ND	No	15	n/a	n/a	n/a	93.33	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-1	0.08	n/a	2/15/2022	0.08ND	No	15	n/a	n/a	n/a	100	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-13	0.08	n/a	2/16/2022	0.08ND	No	15	n/a	n/a	n/a	100	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-3	0.08	n/a	2/15/2022	0.08ND	No	15	n/a	n/a	n/a	100	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-5	0.6172	n/a	2/15/2022	0.19	No	15	0.3445	0.1034	6.667	None	No	0.0004426	Param Intra 1 of 2	
Boron (mg/L)	GWC-6	0.08	n/a	2/15/2022	0.08ND	No	15	n/a	n/a	n/a	100	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-7	0.08	n/a	2/15/2022	0.08ND	No	15	n/a	n/a	n/a	100	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-8A	0.3262	n/a	2/15/2022	0.13	No	14	0.1846	0.05242	0	None	No	0.0004426	Param Intra 1 of 2	
Boron (mg/L)	GWC-9	0.1305	n/a	2/15/2022	0.07J	No	15	0.08718	0.0164	0	None	No	0.0004426	Param Intra 1 of 2	
Calcium (mg/L)	GWA-15	5.463	n/a	2/15/2022	3.6	No	15	4.215	0.4731	0	None	No	0.0004426	Param Intra 1 of 2	
Calcium (mg/L)	GWA-16	14.38	n/a	2/15/2022	10	No	15	11.59	1.055	0	None	No	0.0004426	Param Intra 1 of 2	
Calcium (mg/L)	GWA-17	8.711	n/a	2/15/2022	7.1	No	15	6.639	0.7855	0	None	No	0.0004426	Param Intra 1 of 2	
Calcium (mg/L)	GWC-1	20.62	n/a	2/15/2022	16	No	15	17.13	1.326	0	None	No	0.0004426	Param Intra 1 of 2	
Calcium (mg/L)	GWC-10	21.64	n/a	2/15/2022	17	No	15	16.8	1.835	0	None	No	0.0004426	Param Intra 1 of 2	
Calcium (mg/L)	GWC-11	15.09	n/a	2/16/2022	12	No	15	12.69	0.9098	0	None	No	0.0004426	Param Intra 1 of 2	
Calcium (mg/L)	GWC-12	1.581	n/a	2/16/2022	1.1	No	15	1.095	0.184	0	None	No	0.0004426	Param Intra 1 of 2	
Calcium (mg/L)	GWC-13	9.036	n/a	2/16/2022	6.7	No	15	1.862	0.08384	0	None	x^(1/3)	0.0004426	Param Intra 1 of 2	
Calcium (mg/L)	GWC-14	7.744	n/a	2/16/2022	6.3	No	15	6.446	0.4921	0	None	No	0.0004426	Param Intra 1 of 2	
Calcium (mg/L)	GWC-18	12.05	n/a	2/16/2022	9.7	No	15	10.29	0.6675	0	None	No	0.0004426	Param Intra 1 of 2	
Calcium (mg/L)	GWC-19	15.99	n/a	2/16/2022	15	No	15	11.46	1.718	0	None	No	0.0004426	Param Intra 1 of 2	
Calcium (mg/L)	GWC-2	20.61	n/a	2/15/2022	16	No	15	17.31	1.248	0	None	No	0.0004426	Param Intra 1 of 2	
Calcium (mg/L)	GWC-20	16.02	n/a	2/16/2022	13	No	15	13.43	0.9796	0	None	No	0.0004426	Param Intra 1 of 2	
Calcium (mg/L)	GWC-3	11.1	n/a	2/15/2022	6	No	15	7.961	1.19	0	None	No	0.0004426	Param Intra 1 of 2	
Calcium (mg/L)	GWC-4	16.56	n/a	2/15/2022	15	No	15	12.47	1.553	0	None	No	0.0004426	Param Intra 1 of 2	
Calcium (mg/L)	GWC-5	222.5	n/a	2/15/2022	36	No	15	107.3	43.67	0	None	No	0.0004426	Param Intra 1 of 2	
Calcium (mg/L)	GWC-6	21.67	n/a	2/15/2022	15	No	15	17.82	1.459	0	None	No	0.0004426	Param Intra 1 of 2	
Calcium (mg/L)	GWC-7	16.33	n/a	2/15/2022	13	No	15	14.12	0.8377	0	None	No	0.0004426	Param Intra 1 of 2	
Calcium (mg/L)	GWC-8A	45.47	n/a	2/15/2022	49	Yes	10	25.9	6.402	0	None	No	0.0004426	Param Intra 1 of 2	
Calcium (mg/L)	GWC-9	19.78	n/a	2/15/2022	16	No	15	17.05	1.037	0	None	No	0.0004426	Param Intra 1 of 2	
Chloride (mg/L)	GWA-15	6.3	n/a	2/15/2022	6.5	Yes	15	n/a	n/a	0	n/a	n/a	0.007533	NP Intra (normality) 1 of 2	
Chloride (mg/L)	GWA-16	2.089	n/a	2/15/2022	1.6	No	15	1.646	0.1678	0	None	No	0.0004426	Param Intra 1 of 2	
Chloride (mg/L)	GWA-17	2.117	n/a	2/15/2022	1.4	No	15	1.566	0.2089	0	None	No	0.0004426	Param Intra 1 of 2	
Chloride (mg/L)	GWC-1	4.775	n/a	2/15/2022	4	No	15	3.841	0.354	0	None	No	0.0004426	Param Intra 1 of 2	
Chloride (mg/L)	GWC-10	4.3	n/a	2/15/2022	4.6	Yes	15	n/a	n/a	0	n/a	n/a	0.007533	NP Intra (normality) 1 of 2	
Chloride (mg/L)	GWC-11	2.109	n/a	2/16/2022	1.7	No	15	1.772	0.1278	0	None	No	0.0004426	Param Intra 1 of 2	
Chloride (mg/L)	GWC-12	2.15	n/a	2/16/2022	1.9	No	15	1.753	0.1506	0	None	No	0.0004426	Param Intra 1 of 2	
Chloride (mg/L)	GWC-13	1.976	n/a	2/16/2022	1.5	No	15	1.548	0.1621	0	None	No	0.0004426	Param Intra 1 of 2	
Chloride (mg/L)	GWC-14	3.365	n/a	2/16/2022	3.2	No	15	2.894	0.1784	0	None	No	0.0004426	Param Intra 1 of 2	
Chloride (mg/L)	GWC-18	2.9	n/a	2/16/2022	2.7	No	15	2.515	0.1457	0	None	No	0.0004426	Param Intra 1 of 2	
Chloride (mg/L)	GWC-19	2.435	n/a	2/16/2022	2.4	No	15	1.338	0.08444	0	None	sqrt(x)	0.0004426	Param Intra 1 of 2	
Chloride (mg/L)	GWC-2	2.66	n/a	2/15/2022	2.2	No	15	2.123	0.2035	0	None	No	0.0004426	Param Intra 1 of 2	
Chloride (mg/L)	GWC-20	2.425	n/a	2/16/2022	2	No	15	7.311	2.638	6.667	None	x^3	0.0004426	Param Intra 1 of 2	
Chloride (mg/L)	GWC-3	4.015	n/a	2/15/2022	2.7	No	15	3.176	0.3181	0	None	No	0.0004426	Param Intra 1 of 2	
Chloride (mg/L)	GWC-4	15.93	n/a	2/15/2022	11	No	15	7.238	3.295	0	None	No	0.0004426	Param Intra 1 of 2	
Chloride (mg/L)	GWC-5	134.3	n/a	2/15/2022	16	No	14	60.62	27.28	0	None	No	0.0004426	Param Intra 1 of 2	
Chloride (mg/L)	GWC-6	9.041	n/a	2/15/2022	6.1	No	14	6.021	1.119	0	None	No	0.0004426	Param Intra 1 of 2	
Chloride (mg/L)	GWC-7	2.5	n/a	2/15/2022	2.7	Yes	15	n/a	n/a	0	n/a	n/a	0.007533	NP Intra (normality) 1 of 2	
Chloride (mg/L)	GWC-8A	10.77	n/a	2/15/2022	9.1	No	14	2.006	0.1373	0	None	ln(x)	0.0004426	Param Intra 1 of 2	
Chloride (mg/L)	GWC-9	4.39	n/a	2/15/2022	3.7	No	15	3.523	0.3286	0	None	No	0.0004426	Param Intra 1 of 2	
Fluoride (mg/L)	GWA-15	0.1	n/a	2/15/2022	0.054J	No	15	n/a	n/a	86.67	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2	
Fluoride (mg/L)	GWA-16	0.082	n/a	2/15/2022	0.079J	No	15	n/a	n/a	66.67	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2	
Fluoride (mg/L)	GWA-17	0.082	n/a	2/15/2022	0.083J	No	15	n/a	n/a	66.67	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2	
Fluoride (mg/L)	GWC-1	0.1091	n/a	2/15/2022	0.12	Yes	15	0.006016	0.00223	33.33	Kaplan-Meier	x^2	0.0004426	Param Intra 1 of 2	
Fluoride (mg/L)	GWC-10	0.088	n/a	2/15/2022	0.099J	No	15	n/a	n/a	60	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2	
Fluoride (mg/L)	GWC-11	0.1	n/a	2/16/2022	0.1ND	No	15	n/a	n/a	60	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2	

Appendix III Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 4/8/2022, 10:03 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NBq	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Fluoride (mg/L)	GWC-12	0.1	n/a	2/16/2022	0.1ND	No	15	n/a	n/a	n/a	73.33	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-13	0.1	n/a	2/16/2022	0.1ND	No	15	n/a	n/a	n/a	66.67	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-14	0.1	n/a	2/16/2022	0.1ND	No	15	n/a	n/a	n/a	73.33	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-18	0.1	n/a	2/16/2022	0.034J	No	15	n/a	n/a	n/a	73.33	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-19	0.1	n/a	2/16/2022	0.028J	No	15	n/a	n/a	n/a	73.33	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-2	0.082	n/a	2/15/2022	0.072J	No	15	n/a	n/a	n/a	66.67	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-20	0.1	n/a	2/16/2022	0.1ND	No	15	n/a	n/a	n/a	73.33	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-3	0.091	n/a	2/15/2022	0.092J	No	15	n/a	n/a	n/a	60	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-4	0.1466	n/a	2/15/2022	0.13	No	15	0.009818	0.004428	0	None	x^2	0.0004426	Param Intra 1 of 2	
Fluoride (mg/L)	GWC-5	0.082	n/a	2/15/2022	0.16	Yes	15	n/a	n/a	66.67	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2	
Fluoride (mg/L)	GWC-6	0.082	n/a	2/15/2022	0.095J	No	15	n/a	n/a	n/a	66.67	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-7	0.12	n/a	2/15/2022	0.083J	No	15	n/a	n/a	n/a	66.67	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-8A	0.2241	n/a	2/15/2022	0.096J	No	14	0.1081	0.04297	0	None	No	0.0004426	Param Intra 1 of 2	
Fluoride (mg/L)	GWC-9	0.096	n/a	2/15/2022	0.096J	No	15	n/a	n/a	n/a	53.33	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
pH (S.U.)	GWA-15	5.761	5.24	2/15/2022	5.4	No	18	5.501	0.1037	0	None	No	0.0002213	Param Intra 1 of 2	
pH (S.U.)	GWA-16	6.563	6.191	2/15/2022	6.46	No	18	6.377	0.07404	0	None	No	0.0002213	Param Intra 1 of 2	
pH (S.U.)	GWA-17	6.338	5.628	2/15/2022	6.2	No	18	5.983	0.1415	0	None	No	0.0002213	Param Intra 1 of 2	
pH (S.U.)	GWC-1	6.745	6.3	2/15/2022	6.83	Yes	18	6.522	0.08869	0	None	No	0.0002213	Param Intra 1 of 2	
pH (S.U.)	GWC-10	6.659	6.027	2/15/2022	6.48	No	18	6.343	0.1259	0	None	No	0.0002213	Param Intra 1 of 2	
pH (S.U.)	GWC-11	6.354	5.988	2/16/2022	6.16	No	17	6.171	0.07184	0	None	No	0.0002213	Param Intra 1 of 2	
pH (S.U.)	GWC-12	5.433	4.859	2/16/2022	5.11	No	18	5.146	0.1143	0	None	No	0.0002213	Param Intra 1 of 2	
pH (S.U.)	GWC-13	6.052	5.659	2/16/2022	5.79	No	19	6.960	466.8	0	None	x^5	0.0002213	Param Intra 1 of 2	
pH (S.U.)	GWC-14	5.903	5.332	2/16/2022	5.6	No	17	5.617	0.1122	0	None	No	0.0002213	Param Intra 1 of 2	
pH (S.U.)	GWC-18	6.46	6.164	2/16/2022	6.54	Yes	18	6.312	0.05897	0	None	No	0.0002213	Param Intra 1 of 2	
pH (S.U.)	GWC-19	6.518	6.229	2/16/2022	6.47	No	17	6.374	0.05689	0	None	No	0.0002213	Param Intra 1 of 2	
pH (S.U.)	GWC-2	7	6.35	2/15/2022	6.61	No	17	n/a	n/a	0	n/a	n/a	0.01183	NP Intra (normality) 1 of 2	
pH (S.U.)	GWC-20	6.664	6.342	2/16/2022	6.71	Yes	18	6.503	0.06408	0	None	No	0.0002213	Param Intra 1 of 2	
pH (S.U.)	GWC-3	6.201	5.69	2/15/2022	5.87	No	18	5.946	0.1019	0	None	No	0.0002213	Param Intra 1 of 2	
pH (S.U.)	GWC-4	6.591	5.971	2/15/2022	6.37	No	18	39.54	1.551	0	None	x^2	0.0002213	Param Intra 1 of 2	
pH (S.U.)	GWC-5	6.158	5.348	2/15/2022	6.16	Yes	18	5.753	0.1613	0	None	No	0.0002213	Param Intra 1 of 2	
pH (S.U.)	GWC-6	6.43	6.09	2/15/2022	6.1	No	18	n/a	n/a	0	n/a	n/a	0.01075	NP Intra (normality) 1 of 2	
pH (S.U.)	GWC-7	6.42	5.96	2/15/2022	6.22	No	17	n/a	n/a	0	n/a	n/a	0.01183	NP Intra (normality) 1 of 2	
pH (S.U.)	GWC-8A	7.26	6.24	2/15/2022	6.34	No	21	n/a	n/a	0	n/a	n/a	0.007998	NP Intra (normality) 1 of 2	
pH (S.U.)	GWC-9	6.922	6.294	2/15/2022	6.61	No	18	6.608	0.1251	0	None	No	0.0002213	Param Intra 1 of 2	
Sulfate (mg/L)	GWA-15	3.1	n/a	2/15/2022	2.6	No	15	n/a	n/a	n/a	53.33	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-16	1	n/a	2/15/2022	1ND	No	15	n/a	n/a	n/a	93.33	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-17	1	n/a	2/15/2022	1ND	No	15	n/a	n/a	n/a	80	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-1	1	n/a	2/15/2022	1.5	Yes	15	n/a	n/a	40	n/a	n/a	0.007533	NP Intra (normality) 1 of 2	
Sulfate (mg/L)	GWC-10	1.475	n/a	2/15/2022	3.5	Yes	11	0.7701	0.2398	27.27	Kaplan-Meier	No	0.0004426	Param Intra 1 of 2	
Sulfate (mg/L)	GWC-11	1	n/a	2/16/2022	1ND	No	15	n/a	n/a	n/a	86.67	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-12	1.3	n/a	2/16/2022	1ND	No	15	n/a	n/a	n/a	73.33	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-13	1.3	n/a	2/16/2022	1ND	No	14	n/a	n/a	n/a	64.29	n/a	n/a	0.008612	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-14	1	n/a	2/16/2022	1ND	No	15	n/a	n/a	n/a	80	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-18	1	n/a	2/16/2022	1ND	No	15	n/a	n/a	n/a	80	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-19	1.2	n/a	2/16/2022	1ND	No	15	n/a	n/a	n/a	86.67	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-2	1	n/a	2/15/2022	0.79J	No	15	n/a	n/a	n/a	66.67	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-20	1	n/a	2/16/2022	1ND	No	15	n/a	n/a	n/a	86.67	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-3	1.1	n/a	2/15/2022	0.91J	No	15	n/a	n/a	n/a	60	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-4	6.288	n/a	2/15/2022	20	Yes	15	2.937	1.27	0	None	No	0.0004426	Param Intra 1 of 2	
Sulfate (mg/L)	GWC-5	629.8	n/a	2/15/2022	100	No	14	315	116.6	0	None	No	0.0004426	Param Intra 1 of 2	
Sulfate (mg/L)	GWC-6	17.41	n/a	2/15/2022	13	No	15	10.19	2.735	0	None	No	0.0004426	Param Intra 1 of 2	
Sulfate (mg/L)	GWC-7	1	n/a	2/15/2022	1ND	No	15	n/a	n/a	n/a	73.33	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-8A	55.93	n/a	2/15/2022	11	No	14	30.76	9.32	0	None	No	0.0004426	Param Intra 1 of 2	
Sulfate (mg/L)	GWC-9	16.91	n/a	2/15/2022	7.2	No	15	9.857	2.672	0	None	No	0.0004426	Param Intra 1 of 2	
Total Dissolved Solids (mg/L)	GWA-15	76.79	n/a	2/15/2022	42	No	15	35.07	15.82	13.33	None	No	0.0004426	Param Intra 1 of 2	

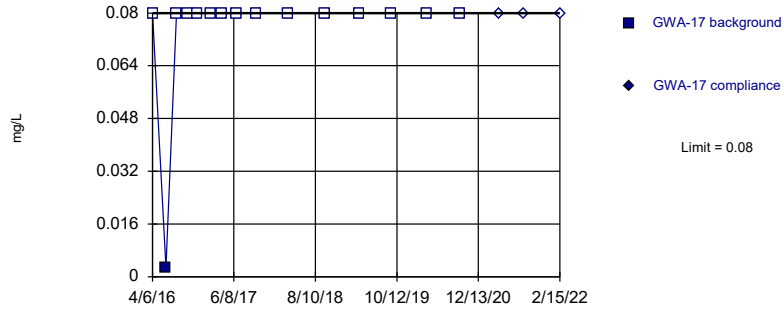
Appendix III Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 4/8/2022, 10:03 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NB	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Total Dissolved Solids (mg/L)	GWA-16	153.2	n/a	2/15/2022	99	No	15	93.67	22.56	0	None	No	0.0004426	Param Intra 1 of 2	
Total Dissolved Solids (mg/L)	GWA-17	132.7	n/a	2/15/2022	79	No	15	66.53	25.08	0	None	No	0.0004426	Param Intra 1 of 2	
Total Dissolved Solids (mg/L)	GWC-1	164.7	n/a	2/15/2022	120	No	15	131.1	12.73	0	None	No	0.0004426	Param Intra 1 of 2	
Total Dissolved Solids (mg/L)	GWC-10	180.4	n/a	2/15/2022	150	No	14	127.6	19.55	0	None	No	0.0004426	Param Intra 1 of 2	
Total Dissolved Solids (mg/L)	GWC-11	293	n/a	2/16/2022	79	No	15	n/a	n/a	0	n/a	n/a	0.007533	NP Intra (normality) 1 of 2	
Total Dissolved Solids (mg/L)	GWC-12	94.94	n/a	2/16/2022	16	No	15	4.249	2.083	26.67	Kaplan-Meier	sqrt(x)	0.0004426	Param Intra 1 of 2	
Total Dissolved Solids (mg/L)	GWC-13	119.3	n/a	2/16/2022	55	No	14	58.14	22.64	0	None	No	0.0004426	Param Intra 1 of 2	
Total Dissolved Solids (mg/L)	GWC-14	103	n/a	2/16/2022	46	No	15	55	18.21	0	None	No	0.0004426	Param Intra 1 of 2	
Total Dissolved Solids (mg/L)	GWC-18	120.6	n/a	2/16/2022	70	No	15	84.33	13.75	0	None	No	0.0004426	Param Intra 1 of 2	
Total Dissolved Solids (mg/L)	GWC-19	164.4	n/a	2/16/2022	110	No	15	90.33	28.07	0	None	No	0.0004426	Param Intra 1 of 2	
Total Dissolved Solids (mg/L)	GWC-2	192.3	n/a	2/15/2022	120	No	15	116.2	28.83	0	None	No	0.0004426	Param Intra 1 of 2	
Total Dissolved Solids (mg/L)	GWC-20	146.1	n/a	2/16/2022	110	No	15	102.9	16.4	0	None	No	0.0004426	Param Intra 1 of 2	
Total Dissolved Solids (mg/L)	GWC-3	112.1	n/a	2/15/2022	53	No	15	79.13	12.48	0	None	No	0.0004426	Param Intra 1 of 2	
Total Dissolved Solids (mg/L)	GWC-4	166.6	n/a	2/15/2022	140	No	15	116.9	18.84	0	None	No	0.0004426	Param Intra 1 of 2	
Total Dissolved Solids (mg/L)	GWC-5	1654	n/a	2/15/2022	290	No	15	823.3	314.8	0	None	No	0.0004426	Param Intra 1 of 2	
Total Dissolved Solids (mg/L)	GWC-6	183.8	n/a	2/15/2022	140	No	15	144.8	14.77	0	None	No	0.0004426	Param Intra 1 of 2	
Total Dissolved Solids (mg/L)	GWC-7	155.6	n/a	2/15/2022	140	No	15	116.4	14.86	0	None	No	0.0004426	Param Intra 1 of 2	
Total Dissolved Solids (mg/L)	GWC-8A	404	n/a	2/15/2022	330	No	13	14.63	1.981	0	None	sqrt(x)	0.0004426	Param Intra 1 of 2	
Total Dissolved Solids (mg/L)	GWC-9	205.7	n/a	2/15/2022	140	No	15	20532	8252	0	None	x^2	0.0004426	Param Intra 1 of 2	

Within Limit

Prediction Limit Intrawell Non-parametric

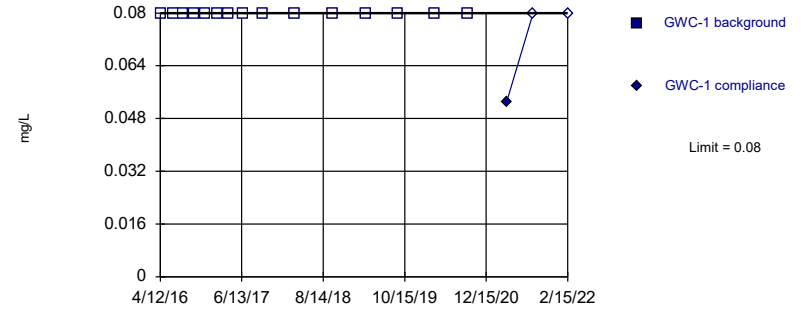


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 93.33% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Boron Analysis Run 4/8/2022 9:54 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

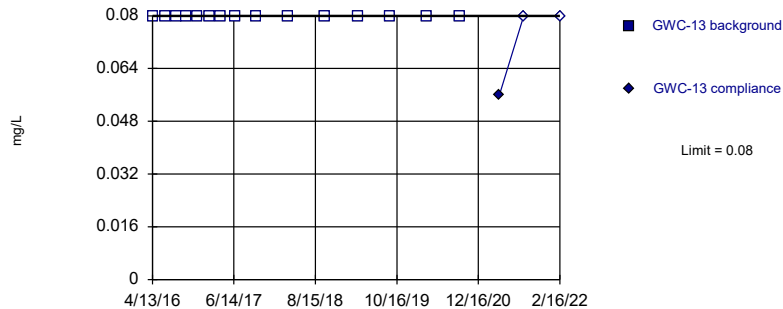


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 15) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Boron Analysis Run 4/8/2022 9:54 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

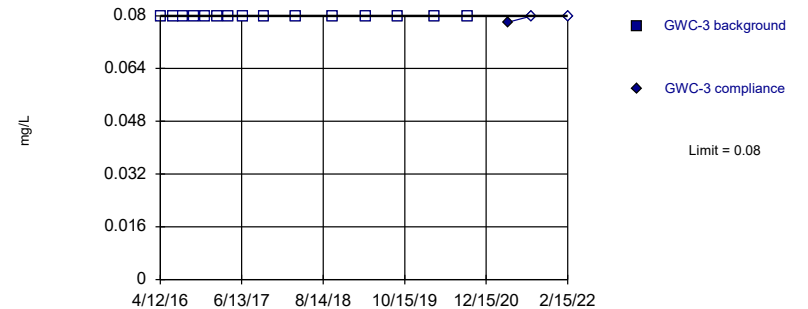


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 15) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Boron Analysis Run 4/8/2022 9:54 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

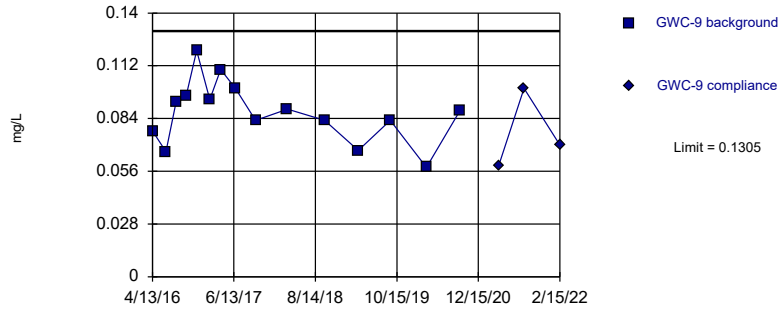
Prediction Limit Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 15) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Boron Analysis Run 4/8/2022 9:54 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

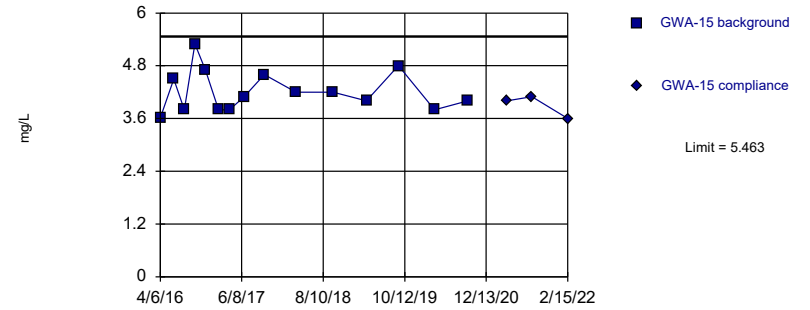
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=0.08718, Std. Dev.=0.0164, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9791, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Boron Analysis Run 4/8/2022 9:54 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

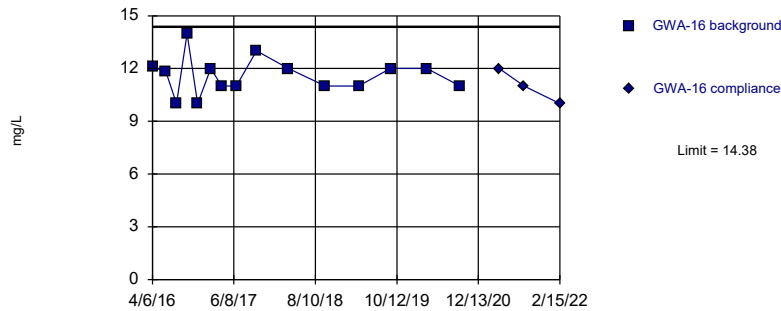
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=4.215, Std. Dev.=0.4731, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9133, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 4/8/2022 9:54 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

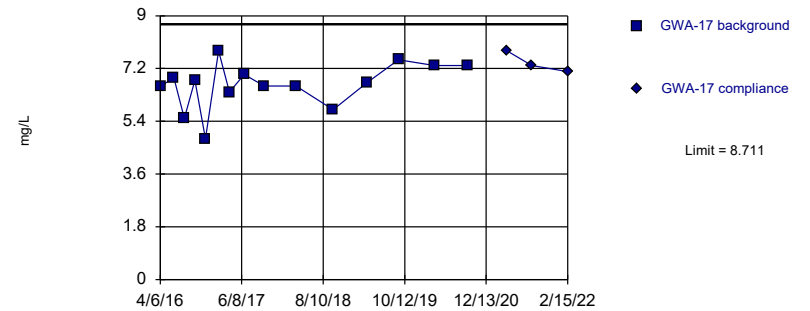
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=11.59, Std. Dev.=1.055, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.918, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 4/8/2022 9:54 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit Prediction Limit
Intrawell Parametric

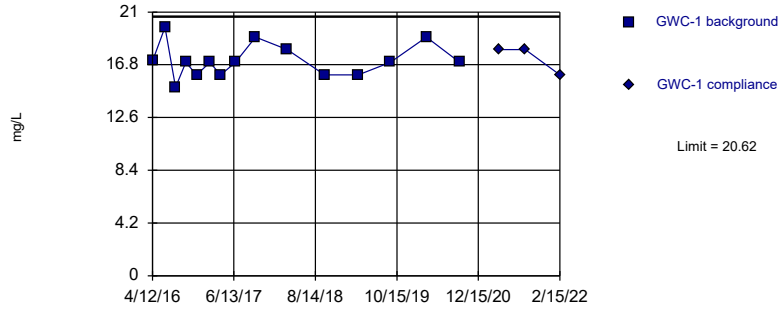


Background Data Summary: Mean=6.639, Std. Dev.=0.7855, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9346, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 4/8/2022 9:54 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

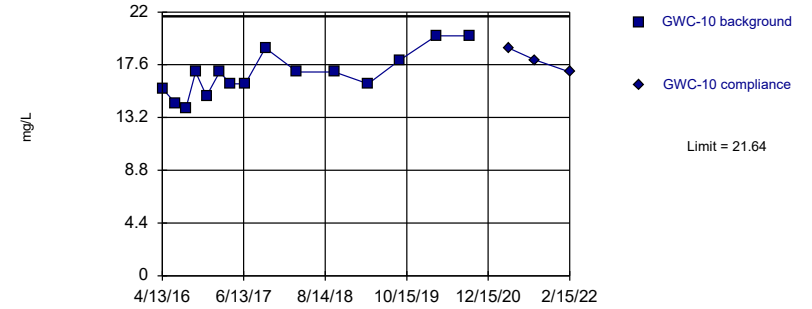


Background Data Summary: Mean=17.13, Std. Dev.=1.326, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9117, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 4/8/2022 9:54 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

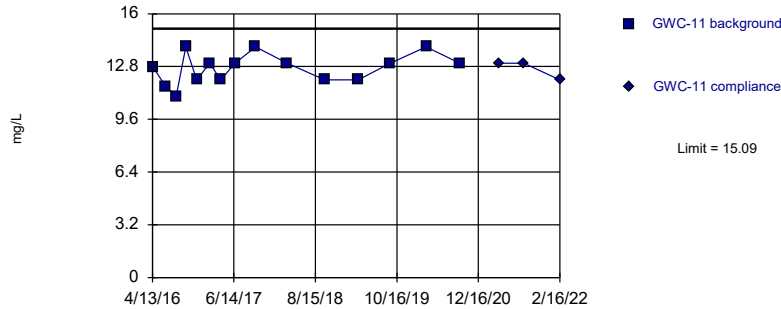


Background Data Summary: Mean=16.8, Std. Dev.=1.835, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9404, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 4/8/2022 9:54 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

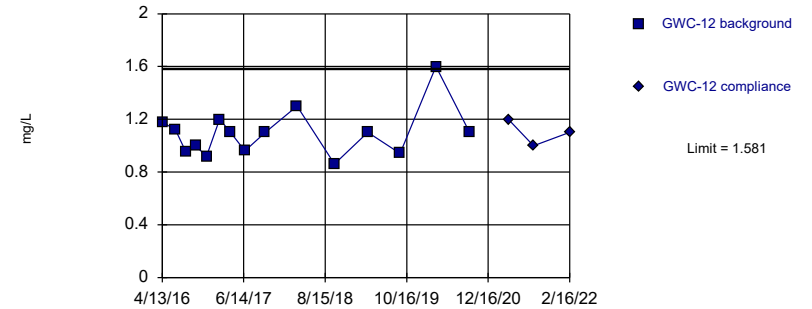


Background Data Summary: Mean=12.69, Std. Dev.=0.9098, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9154, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 4/8/2022 9:54 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

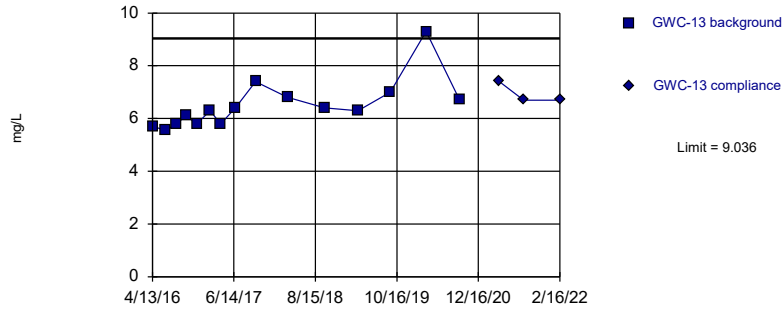


Background Data Summary: Mean=1.095, Std. Dev.=0.184, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.878, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 4/8/2022 9:54 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

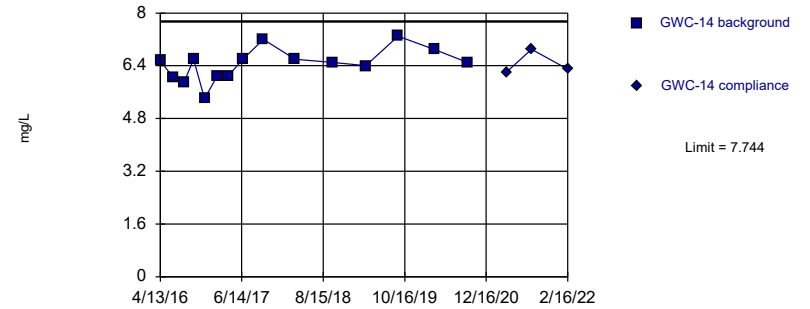


Background Data Summary (based on cube root transformation): Mean=1.862, Std. Dev.=0.08384, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8396, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 4/8/2022 9:54 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

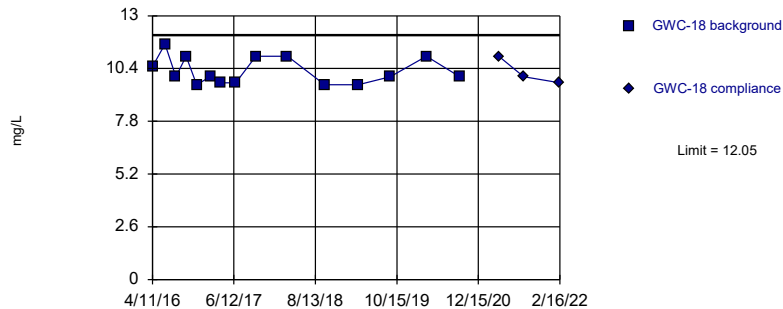


Background Data Summary: Mean=6.446, Std. Dev.=0.4921, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9601, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 4/8/2022 9:54 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

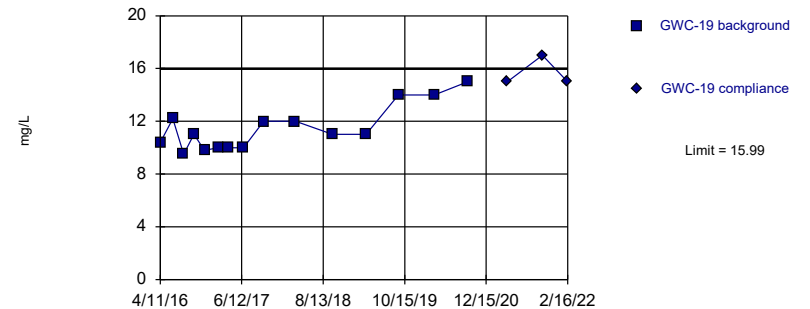


Background Data Summary: Mean=10.29, Std. Dev.=0.6675, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8527, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 4/8/2022 9:54 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric



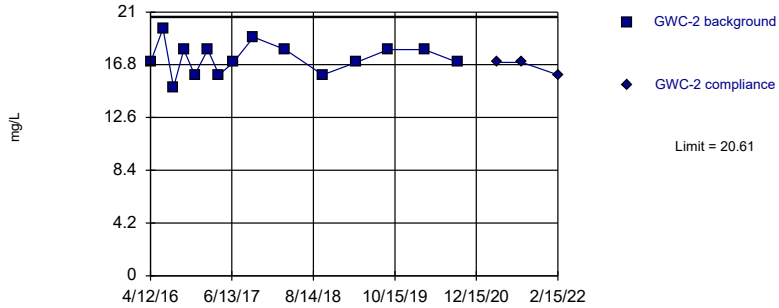
Background Data Summary: Mean=11.46, Std. Dev.=1.718, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.884, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 4/8/2022 9:54 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit

Intrawell Parametric



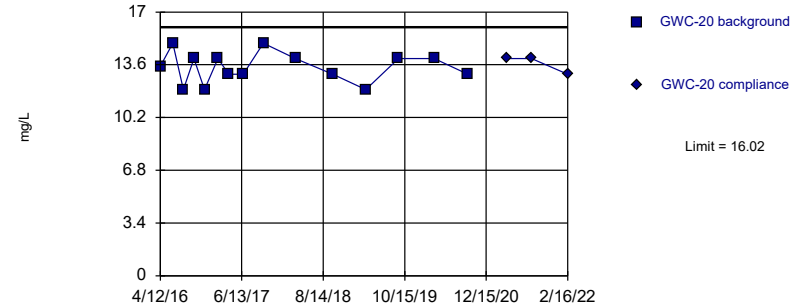
Background Data Summary: Mean=17.31, Std. Dev.=1.248, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9504, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 4/8/2022 9:54 AM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit

Intrawell Parametric



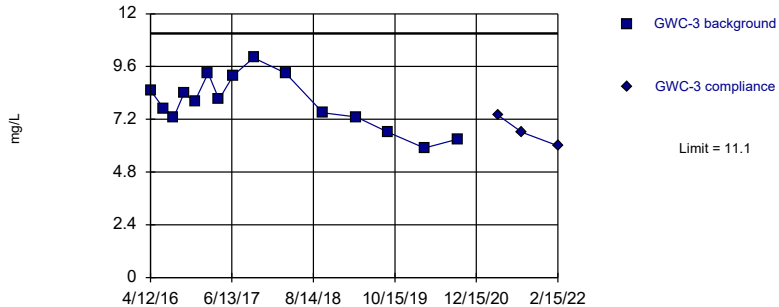
Background Data Summary: Mean=13.43, Std. Dev.=0.9796, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9068, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 4/8/2022 9:54 AM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit

Intrawell Parametric



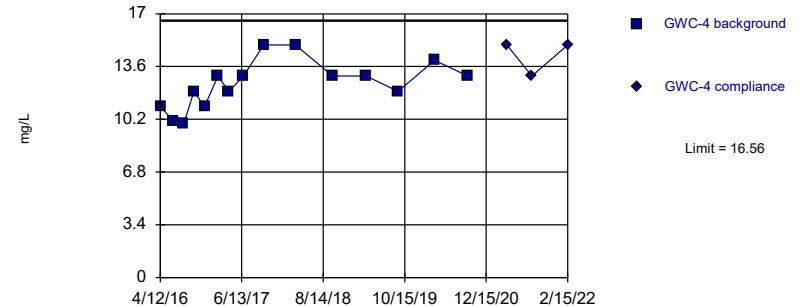
Background Data Summary: Mean=7.961, Std. Dev.=1.19, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9748, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 4/8/2022 9:54 AM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit

Intrawell Parametric

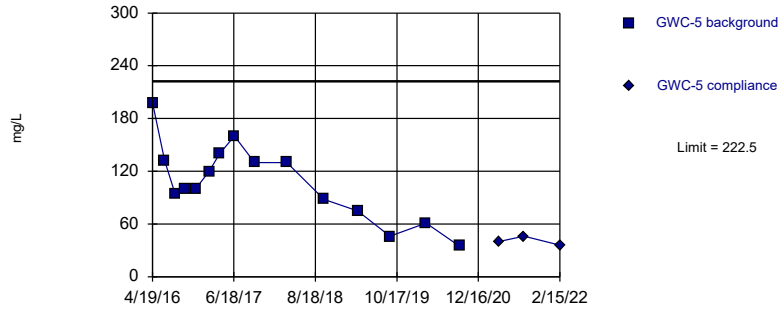


Background Data Summary: Mean=12.47, Std. Dev.=1.553, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9415, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 4/8/2022 9:54 AM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

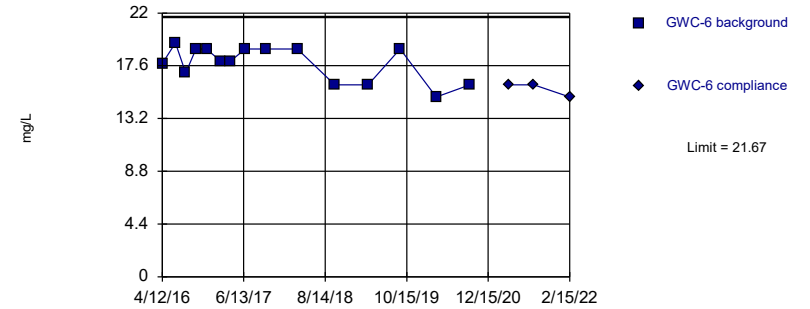


Background Data Summary: Mean=107.3, Std. Dev.=43.67, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.98, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 4/8/2022 9:54 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

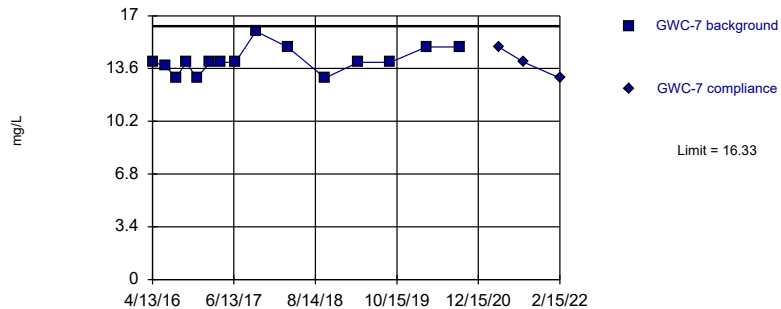


Background Data Summary: Mean=17.82, Std. Dev.=1.459, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8525, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 4/8/2022 9:54 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

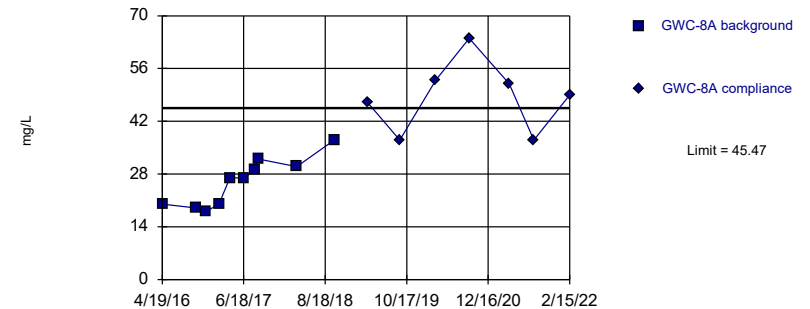


Background Data Summary: Mean=14.12, Std. Dev.=0.8377, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8742, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 4/8/2022 9:54 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Exceeds Limit

Prediction Limit
Intrawell Parametric

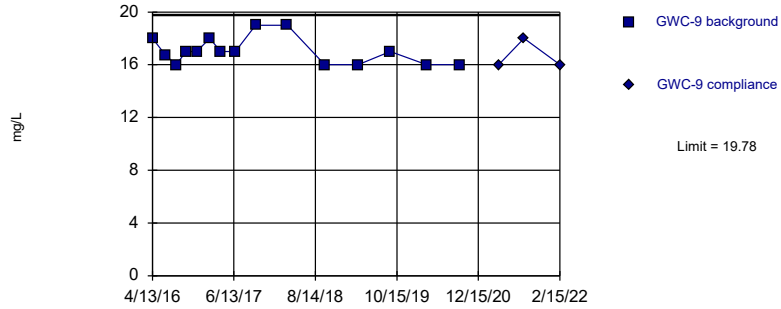


Background Data Summary: Mean=25.9, Std. Dev.=6.402, n=10. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9203, critical = 0.781. Kappa = 3.058 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 4/8/2022 9:54 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

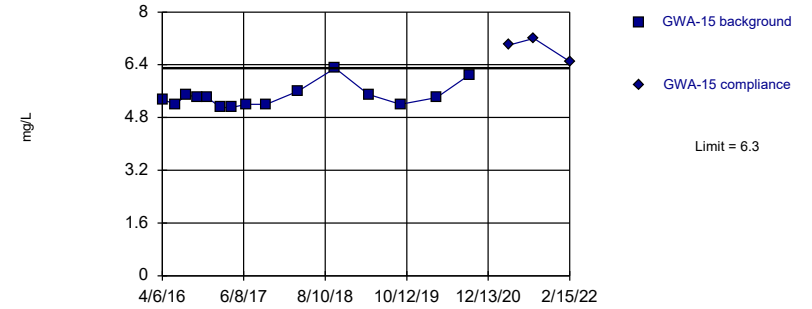


Background Data Summary: Mean=17.05, Std. Dev.=1.037, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8479, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 4/8/2022 9:54 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Exceeds Limit

Prediction Limit
Intrawell Non-parametric

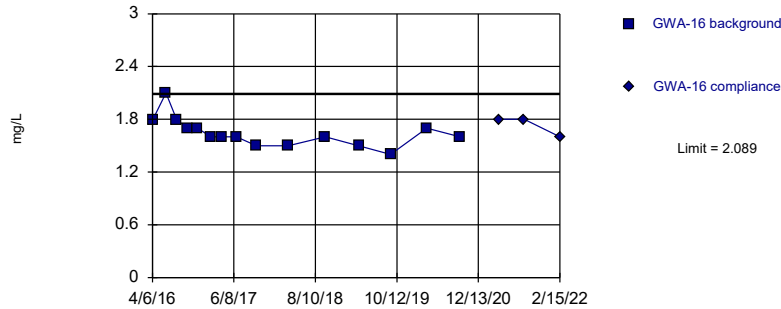


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 15 background values. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Chloride Analysis Run 4/8/2022 9:54 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

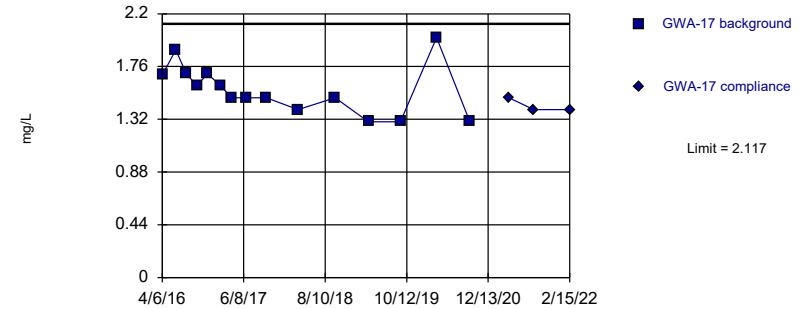


Background Data Summary: Mean=1.646, Std. Dev.=0.1678, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8884, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Chloride Analysis Run 4/8/2022 9:55 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

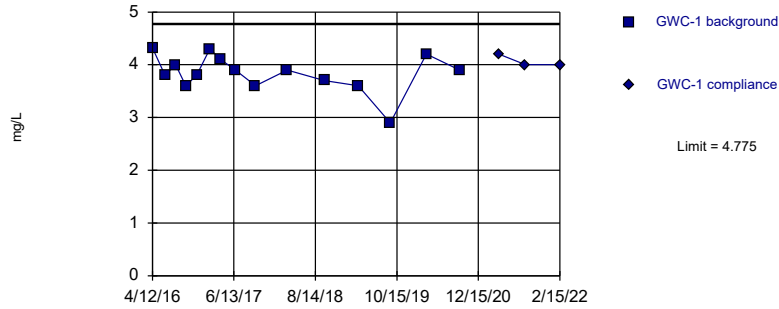


Background Data Summary: Mean=1.566, Std. Dev.=0.2089, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9304, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Chloride Analysis Run 4/8/2022 9:55 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

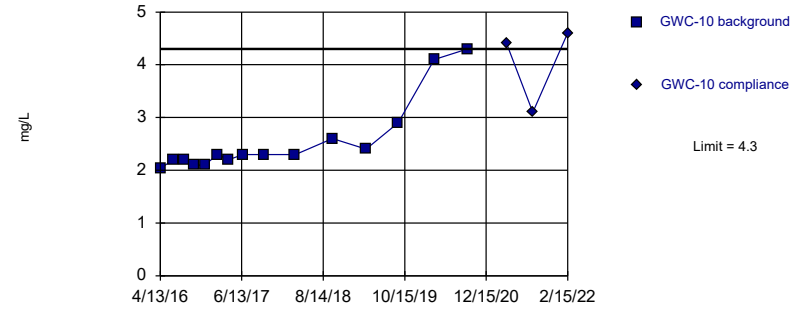


Background Data Summary: Mean=3.841, Std. Dev.=0.354, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9048, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Chloride Analysis Run 4/8/2022 9:55 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Exceeds Limit

Prediction Limit
Intrawell Non-parametric

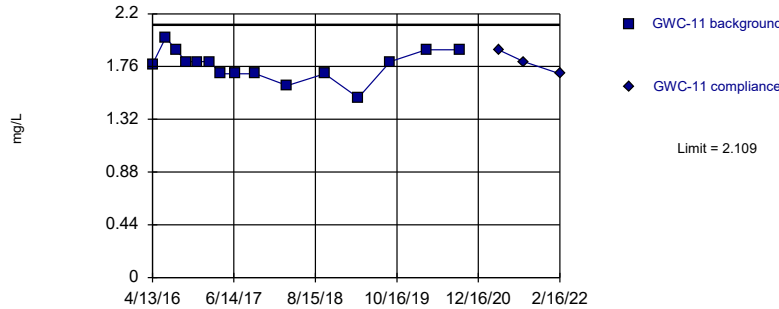


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 15 background values. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Chloride Analysis Run 4/8/2022 9:55 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

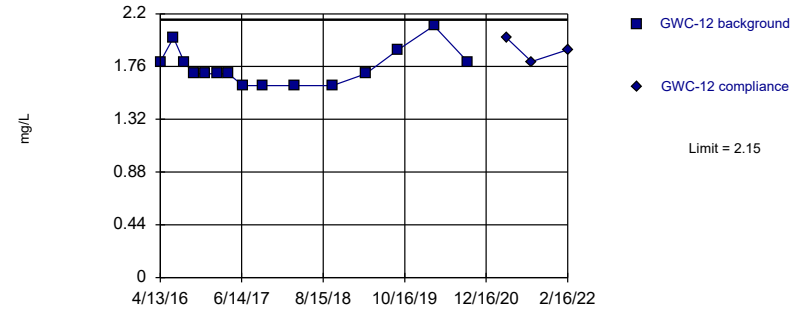


Background Data Summary: Mean=1.772, Std. Dev.=0.1278, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9552, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Chloride Analysis Run 4/8/2022 9:55 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

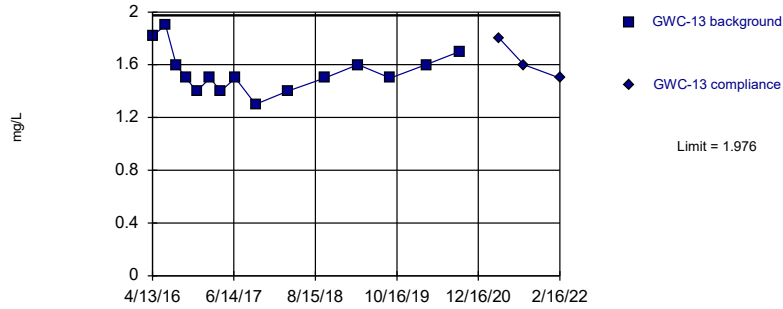


Background Data Summary: Mean=1.753, Std. Dev.=0.1506, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8668, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Chloride Analysis Run 4/8/2022 9:55 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

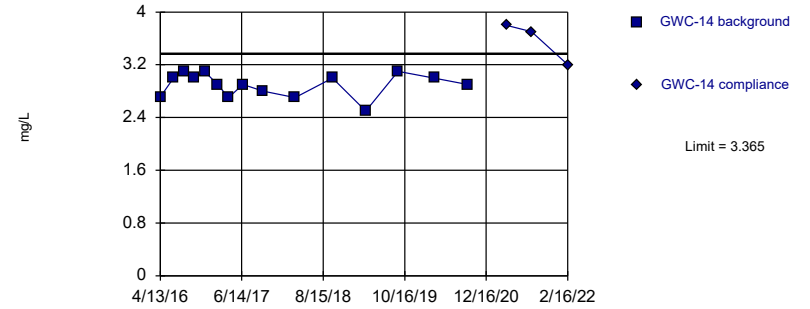


Background Data Summary: Mean=1.548, Std. Dev.=0.1621, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9227, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Chloride Analysis Run 4/8/2022 9:55 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

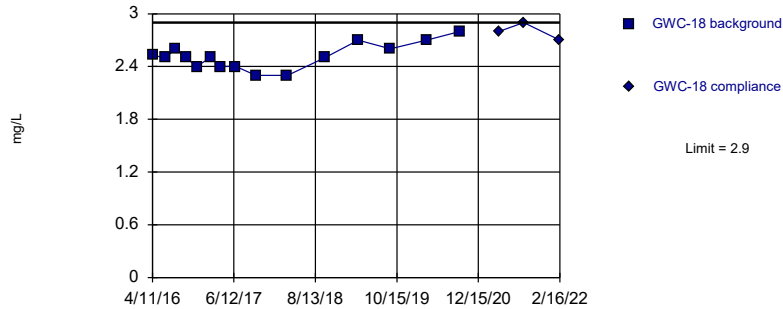


Background Data Summary: Mean=2.894, Std. Dev.=0.1784, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.907, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Chloride Analysis Run 4/8/2022 9:55 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

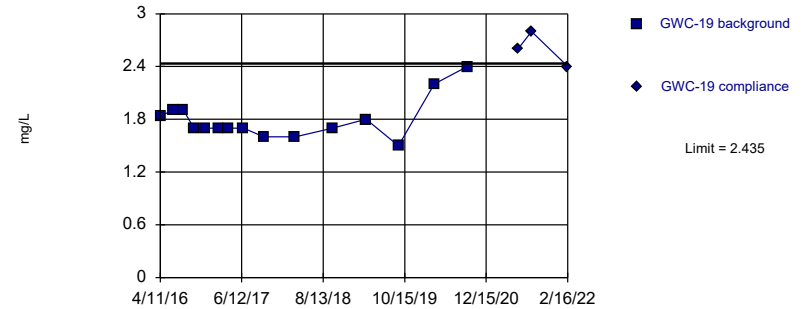


Background Data Summary: Mean=2.515, Std. Dev.=0.1457, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9512, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Chloride Analysis Run 4/8/2022 9:55 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

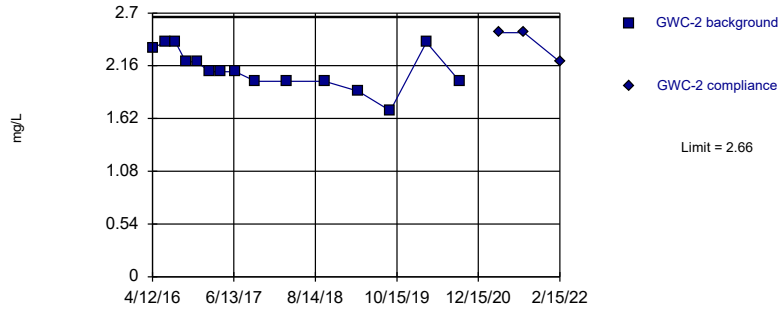


Background Data Summary (based on square root transformation): Mean=1.338, Std. Dev.=0.08444, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8543, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Chloride Analysis Run 4/8/2022 9:55 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

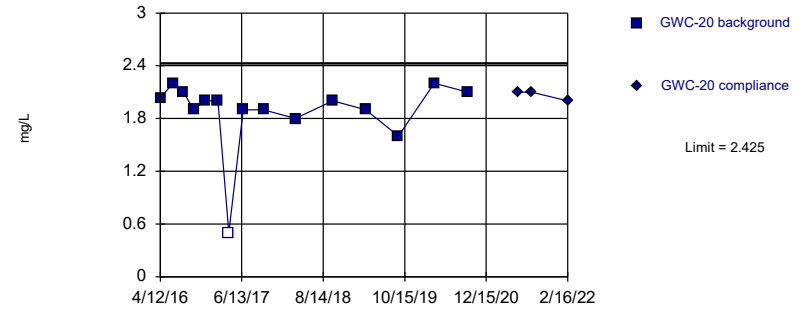


Background Data Summary: Mean=2.123, Std. Dev.=0.2035, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9293, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Chloride Analysis Run 4/8/2022 9:55 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

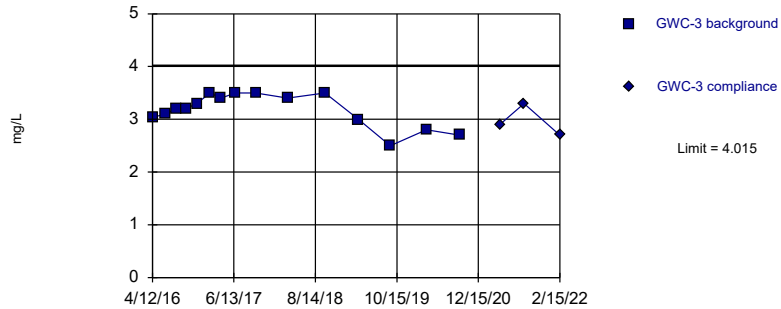


Background Data Summary (based on cube transformation): Mean=7.311, Std. Dev.=2.638, n=15, 6.667% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8777, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Chloride Analysis Run 4/8/2022 9:55 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

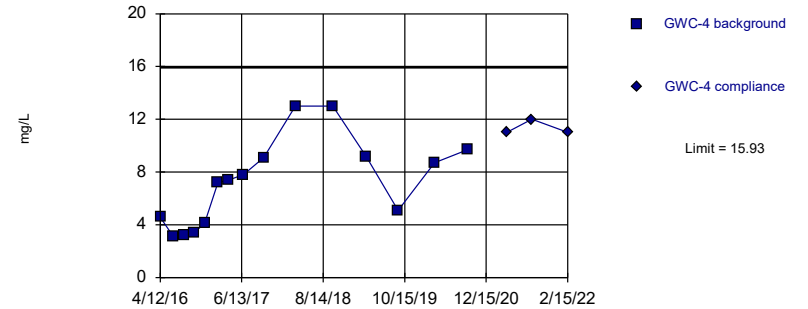


Background Data Summary: Mean=3.176, Std. Dev.=0.3181, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8971, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Chloride Analysis Run 4/8/2022 9:55 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

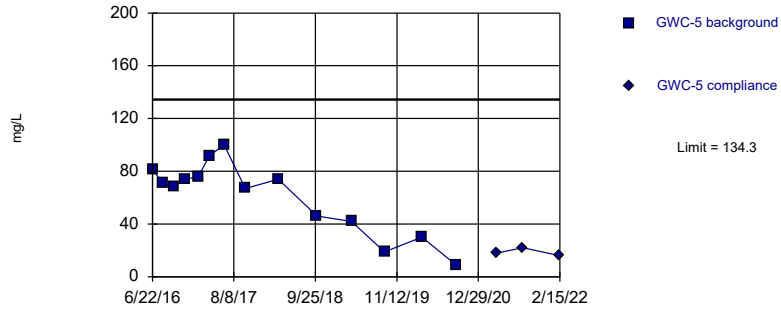
Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=7.238, Std. Dev.=3.295, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.92, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Chloride Analysis Run 4/8/2022 9:55 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

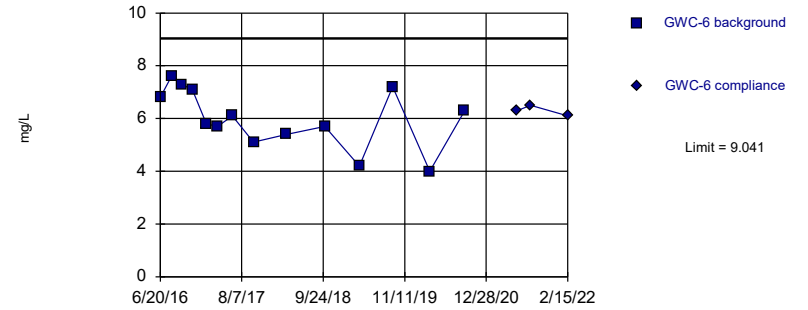
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=60.62, Std. Dev.=27.28, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9307, critical = 0.825. Kappa = 2.7 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Chloride Analysis Run 4/8/2022 9:55 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

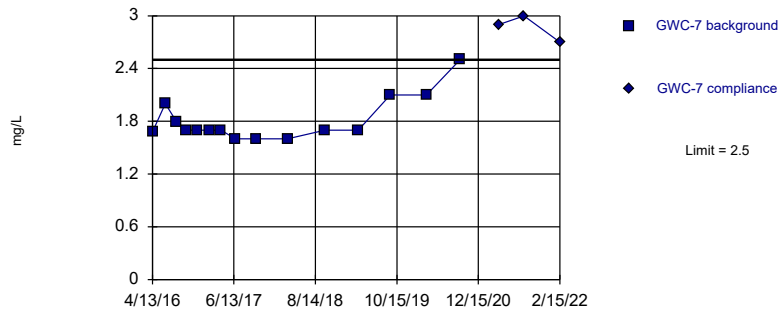
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=6.021, Std. Dev.=1.119, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9492, critical = 0.825. Kappa = 2.7 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Chloride Analysis Run 4/8/2022 9:55 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

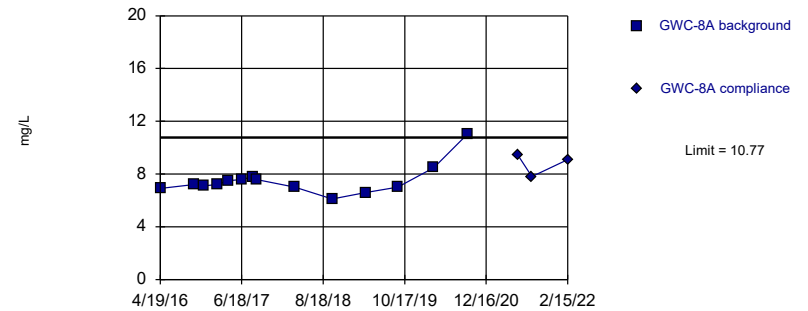
Exceeds Limit Prediction Limit
Intrawell Non-parametric



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 15 background values. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Chloride Analysis Run 4/8/2022 9:55 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit Prediction Limit
Intrawell Parametric

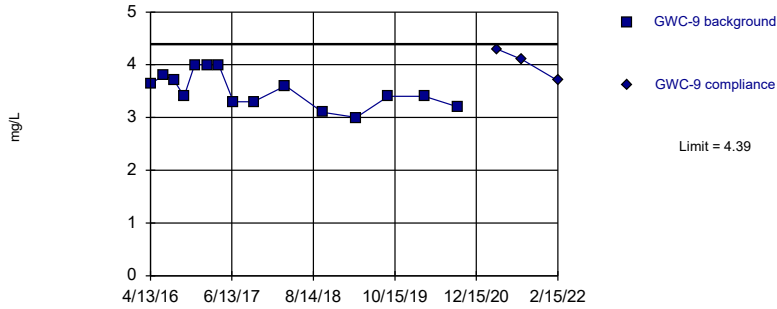


Background Data Summary (based on natural log transformation): Mean=2.006, Std. Dev.=0.1373, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8362, critical = 0.825. Kappa = 2.7 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Chloride Analysis Run 4/8/2022 9:55 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

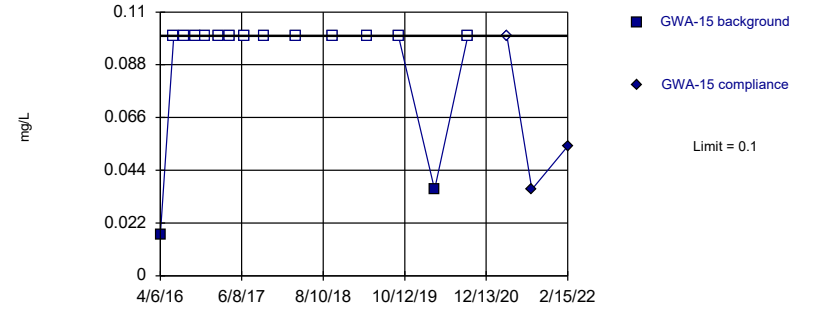


Background Data Summary: Mean=3.523, Std. Dev.=0.3286, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9365, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Chloride Analysis Run 4/8/2022 9:55 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

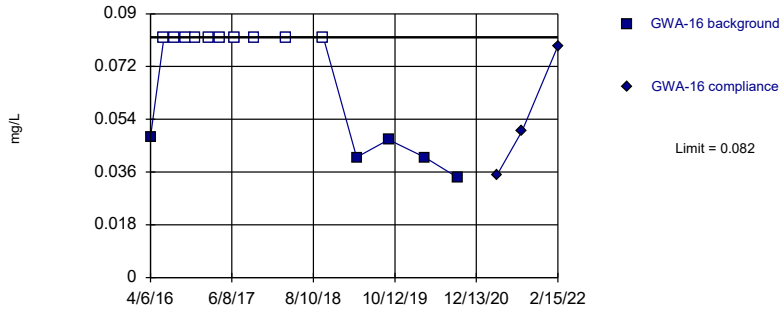


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 86.67% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Fluoride Analysis Run 4/8/2022 9:55 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

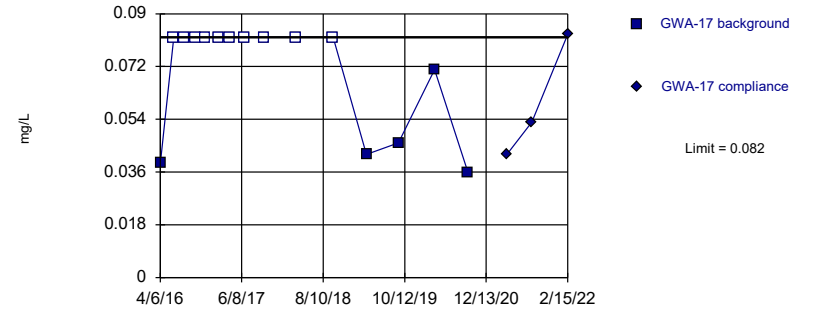


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 66.67% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Fluoride Analysis Run 4/8/2022 9:55 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

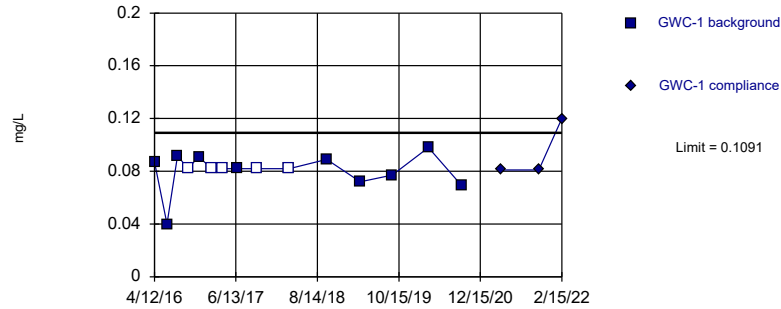


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 66.67% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Fluoride Analysis Run 4/8/2022 9:55 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Exceeds Limit

Prediction Limit Intrawell Parametric

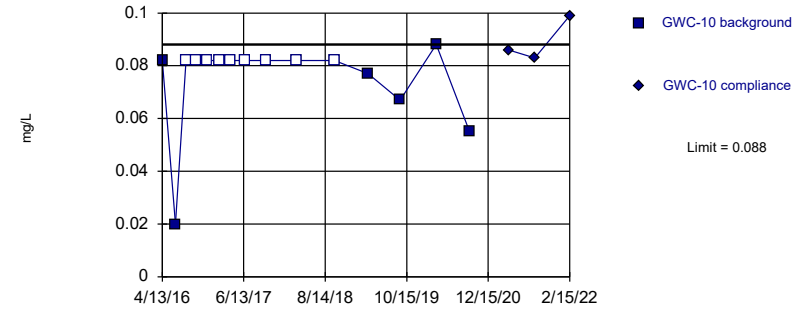


Background Data Summary (based on square transformation) (after Kaplan-Meier Adjustment): Mean=0.006016, Std. Dev.=0.00223, n=15, 33.33% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8926, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Fluoride Analysis Run 4/8/2022 9:55 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

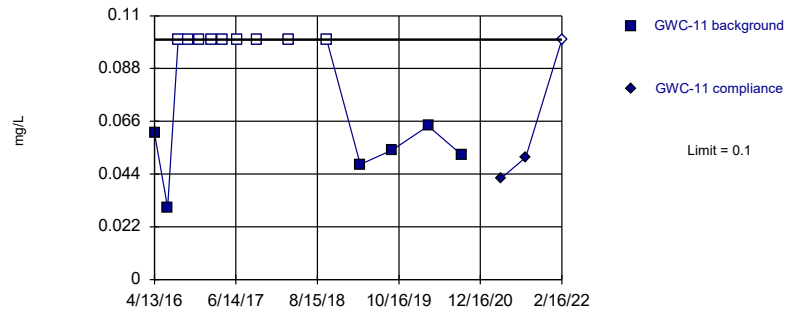


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 60% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Fluoride Analysis Run 4/8/2022 9:55 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

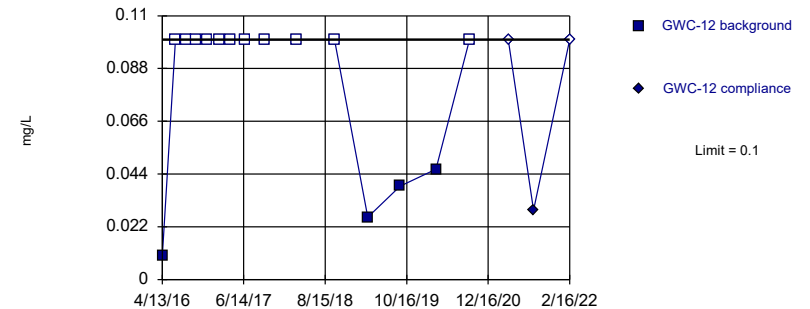


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 60% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Fluoride Analysis Run 4/8/2022 9:55 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

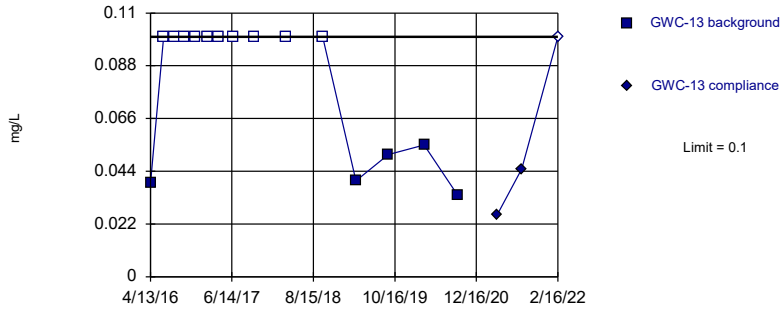


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 73.33% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Fluoride Analysis Run 4/8/2022 9:55 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

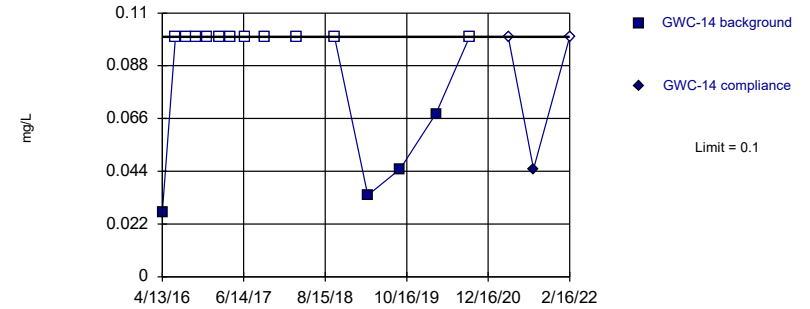


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 66.67% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Fluoride Analysis Run 4/8/2022 9:55 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

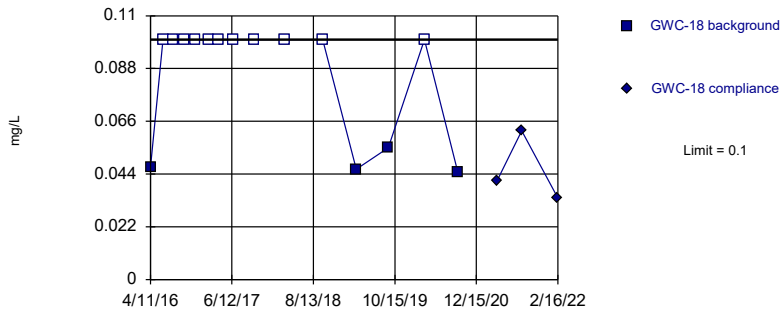


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 73.33% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Fluoride Analysis Run 4/8/2022 9:55 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

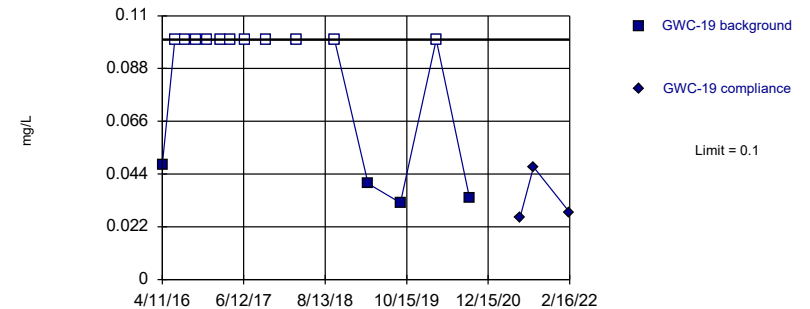


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 73.33% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Fluoride Analysis Run 4/8/2022 9:55 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

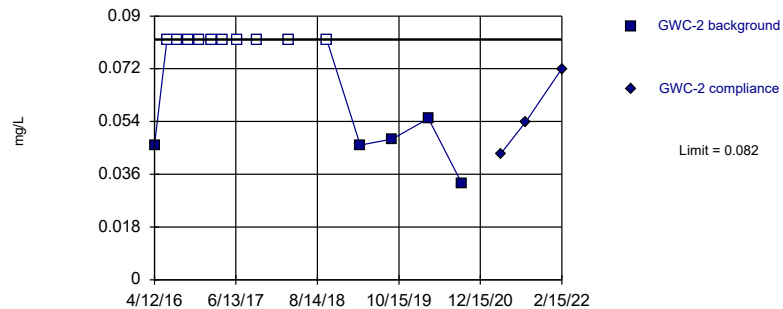


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 73.33% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Fluoride Analysis Run 4/8/2022 9:55 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

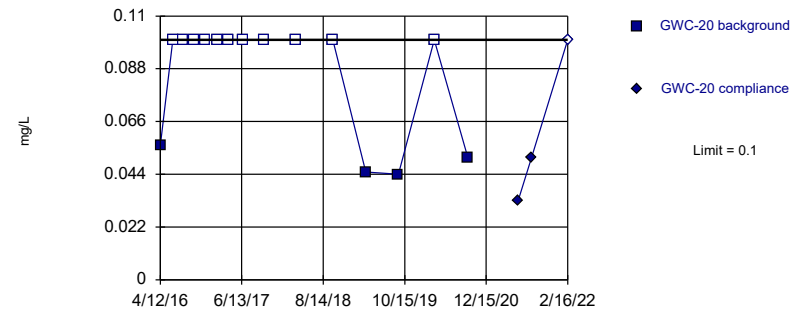


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 66.67% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Fluoride Analysis Run 4/8/2022 9:55 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

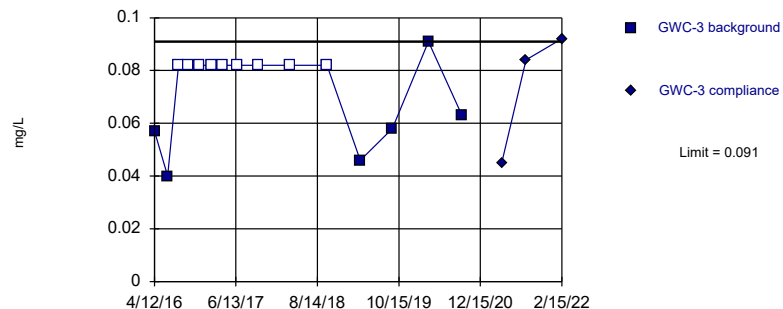


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 73.33% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Fluoride Analysis Run 4/8/2022 9:55 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

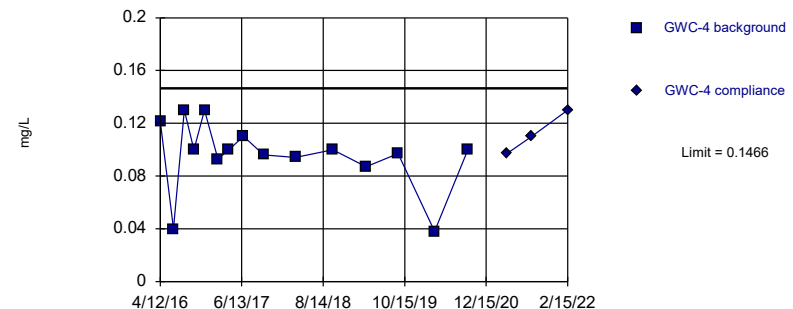


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 60% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Fluoride Analysis Run 4/8/2022 9:55 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

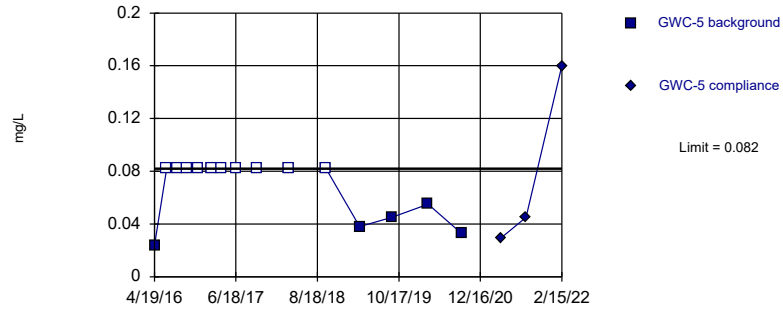


Background Data Summary (based on square transformation): Mean=0.009818, Std. Dev.=0.004428, n=15.
Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.896, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Fluoride Analysis Run 4/8/2022 9:55 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Exceeds Limit

Prediction Limit
Intrawell Non-parametric

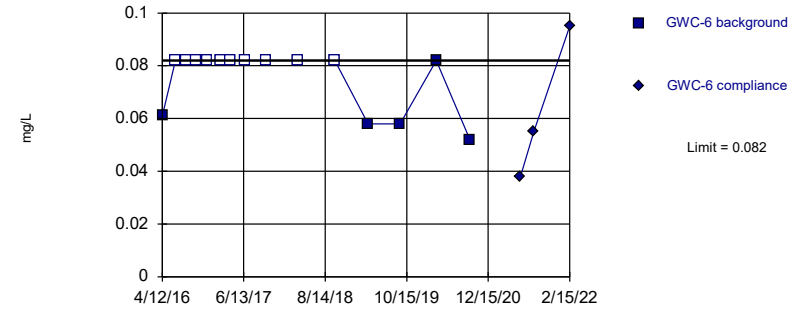


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 66.67% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Fluoride Analysis Run 4/8/2022 9:55 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

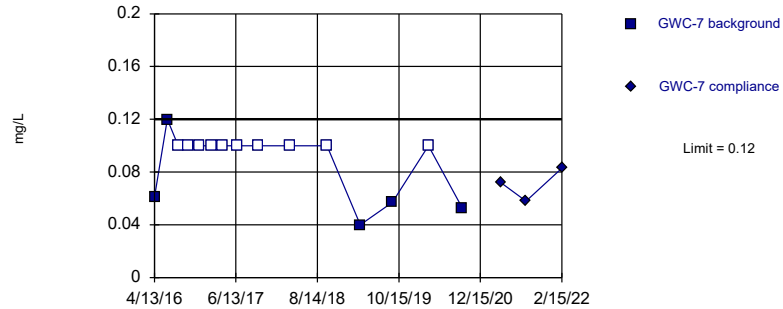


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 66.67% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Fluoride Analysis Run 4/8/2022 9:55 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

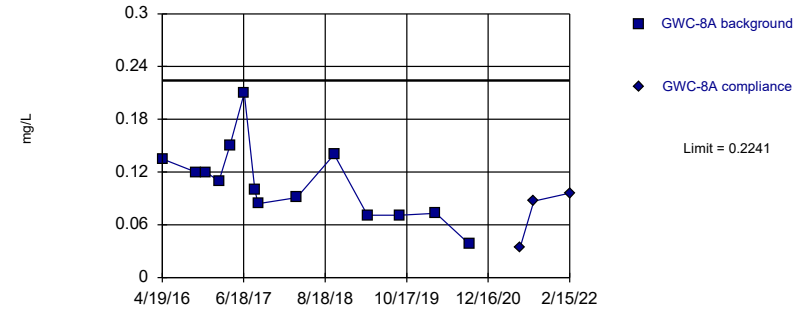


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 66.67% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Fluoride Analysis Run 4/8/2022 9:55 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

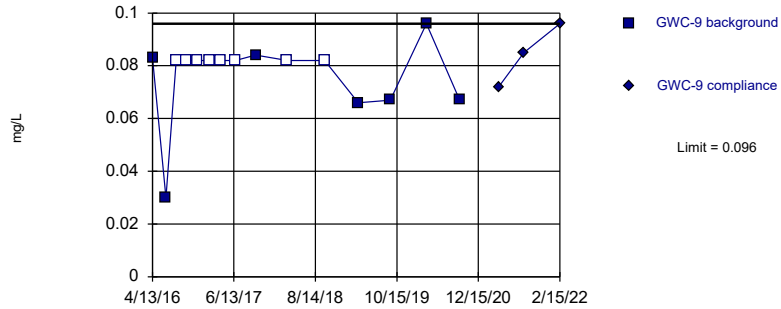


Background Data Summary: Mean=0.1081, Std. Dev.=0.04297, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.956, critical = 0.825. Kappa = 2.7 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Fluoride Analysis Run 4/8/2022 9:55 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

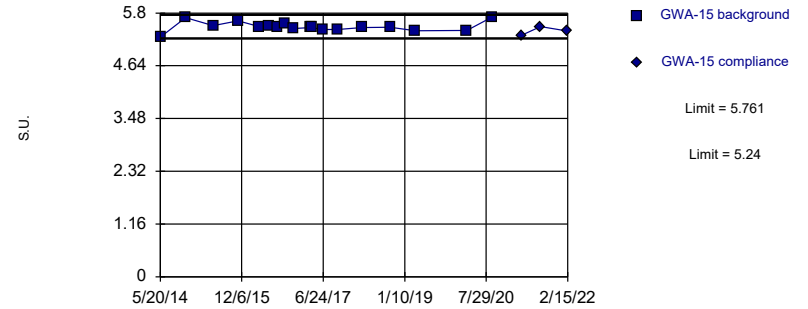


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 53.33% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Fluoride Analysis Run 4/8/2022 9:55 AM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limits

Prediction Limit
 Intrawell Parametric

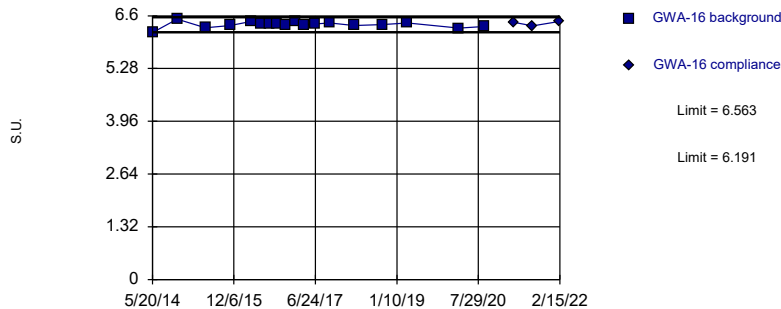


Background Data Summary: Mean=5.501, Std. Dev.=0.1037, n=18. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.919, critical = 0.858. Kappa = 2.511 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: pH Analysis Run 4/8/2022 9:55 AM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limits

Prediction Limit
 Intrawell Parametric

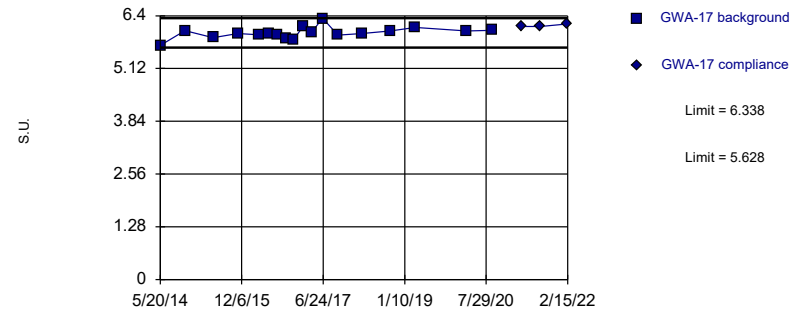


Background Data Summary: Mean=6.377, Std. Dev.=0.07404, n=18. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.945, critical = 0.858. Kappa = 2.511 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: pH Analysis Run 4/8/2022 9:55 AM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limits

Prediction Limit
 Intrawell Parametric

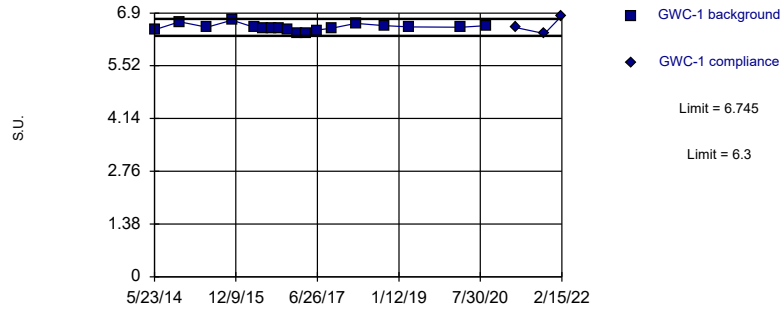


Background Data Summary: Mean=5.983, Std. Dev.=0.1415, n=18. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.957, critical = 0.858. Kappa = 2.511 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: pH Analysis Run 4/8/2022 9:55 AM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Exceeds Limits

Prediction Limit
Intrawell Parametric

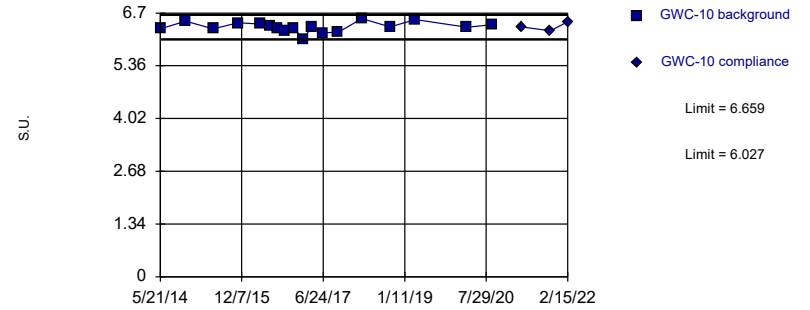


Background Data Summary: Mean=6.522, Std. Dev.=0.08869, n=18. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9604, critical = 0.858. Kappa = 2.511 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: pH Analysis Run 4/8/2022 9:55 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limits

Prediction Limit
Intrawell Parametric

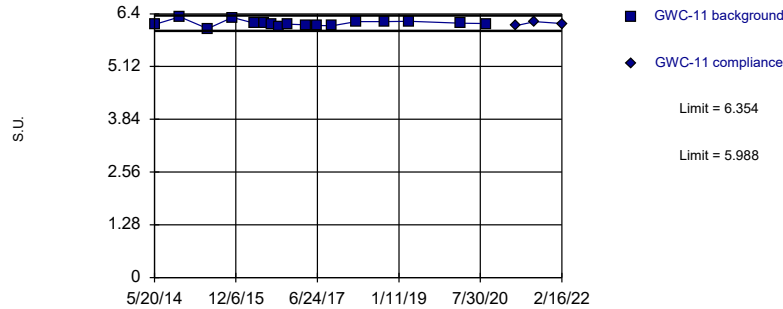


Background Data Summary: Mean=6.343, Std. Dev.=0.1259, n=18. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9699, critical = 0.858. Kappa = 2.511 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: pH Analysis Run 4/8/2022 9:55 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limits

Prediction Limit
Intrawell Parametric

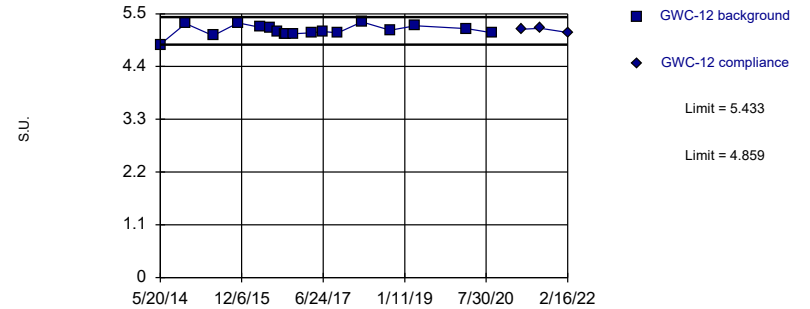


Background Data Summary: Mean=6.171, Std. Dev.=0.07184, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9396, critical = 0.851. Kappa = 2.543 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: pH Analysis Run 4/8/2022 9:55 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limits

Prediction Limit
Intrawell Parametric

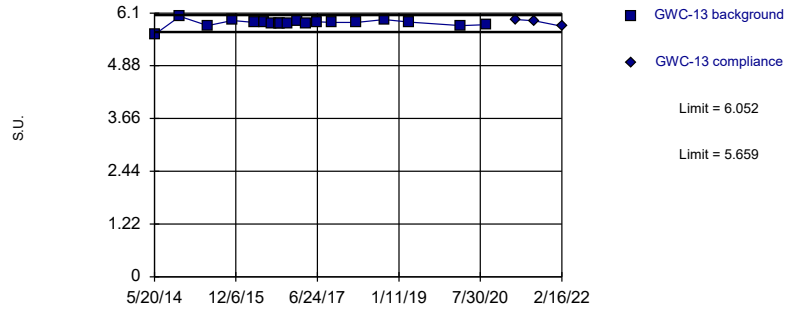


Background Data Summary: Mean=5.146, Std. Dev.=0.1143, n=18. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9429, critical = 0.858. Kappa = 2.511 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: pH Analysis Run 4/8/2022 9:55 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limits

Prediction Limit
Intrawell Parametric

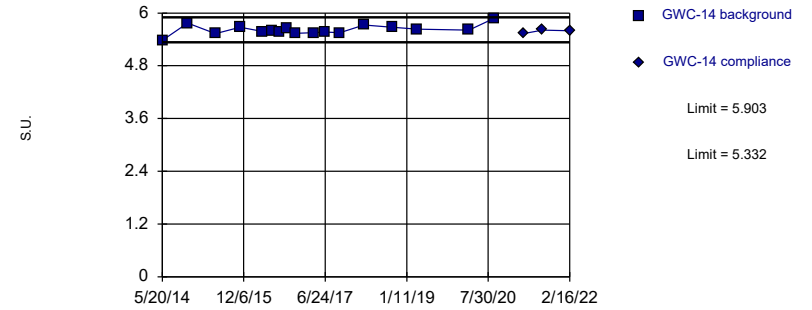


Background Data Summary (based on x^5 transformation): Mean=6960, Std. Dev.=466.8, n=19. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8633, critical = 0.863. Kappa = 2.478 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: pH Analysis Run 4/8/2022 9:55 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limits

Prediction Limit
Intrawell Parametric

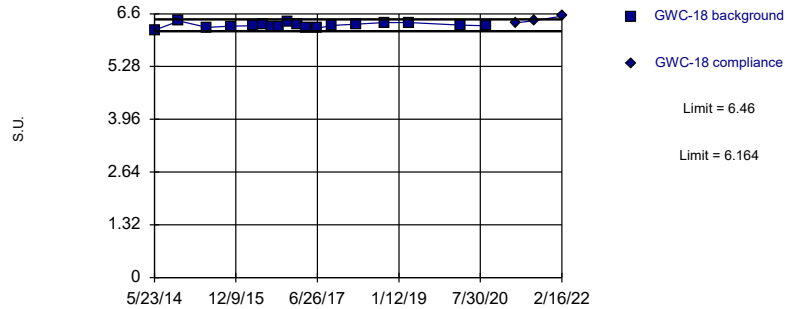


Background Data Summary: Mean=5.617, Std. Dev.=0.1122, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9492, critical = 0.851. Kappa = 2.543 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: pH Analysis Run 4/8/2022 9:55 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Exceeds Limits

Prediction Limit
Intrawell Parametric

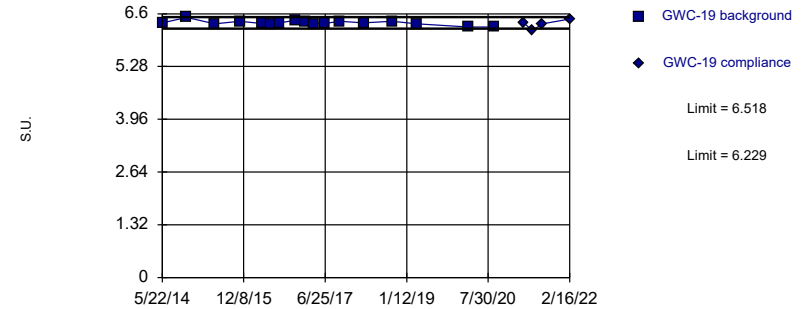


Background Data Summary: Mean=6.312, Std. Dev.=0.05897, n=18. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9854, critical = 0.858. Kappa = 2.511 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: pH Analysis Run 4/8/2022 9:55 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limits

Prediction Limit
Intrawell Parametric

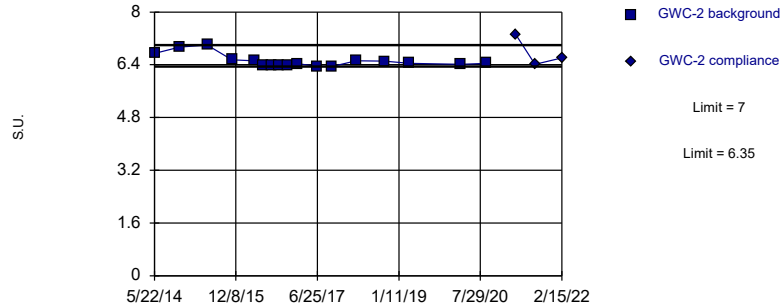


Background Data Summary: Mean=6.374, Std. Dev.=0.05689, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9161, critical = 0.851. Kappa = 2.543 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: pH Analysis Run 4/8/2022 9:55 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limits

Prediction Limit
Intrawell Non-parametric

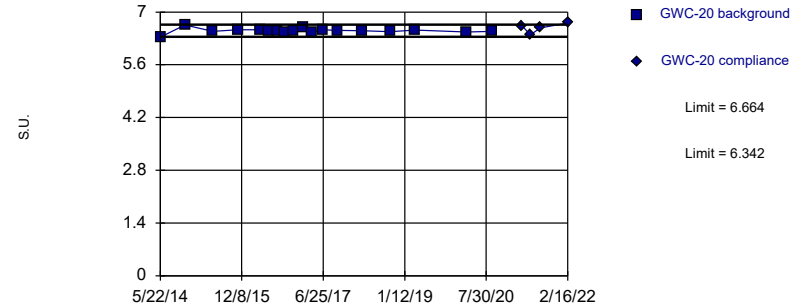


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 17 background values. Well-constituent pair annual alpha = 0.02359. Individual comparison alpha = 0.01183 (1 of 2).

Constituent: pH Analysis Run 4/8/2022 9:55 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Exceeds Limits

Prediction Limit
Intrawell Parametric

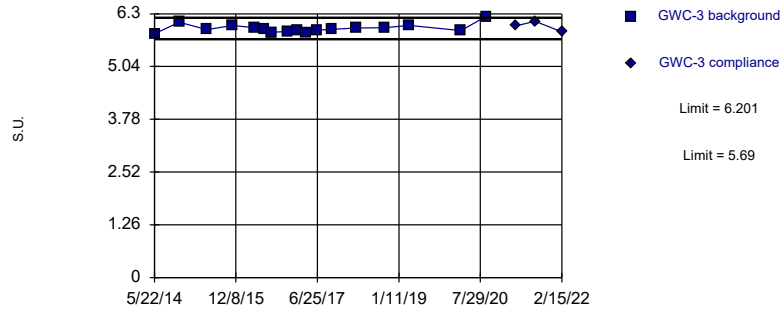


Background Data Summary: Mean=6.503, Std. Dev.=0.06408, n=18. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8614, critical = 0.858. Kappa = 2.511 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: pH Analysis Run 4/8/2022 9:55 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limits

Prediction Limit
Intrawell Parametric

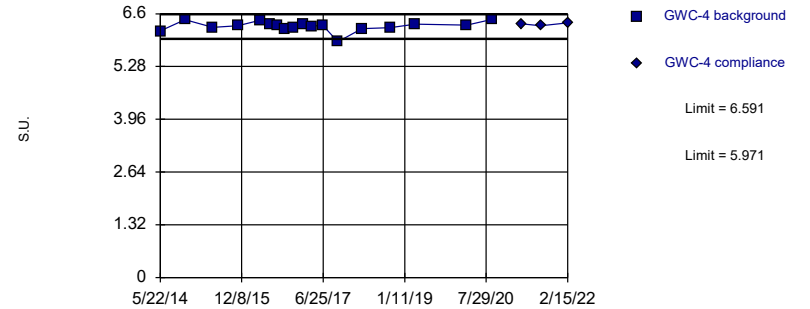


Background Data Summary: Mean=5.946, Std. Dev.=0.1019, n=18. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8758, critical = 0.858. Kappa = 2.511 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: pH Analysis Run 4/8/2022 9:55 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limits

Prediction Limit
Intrawell Parametric

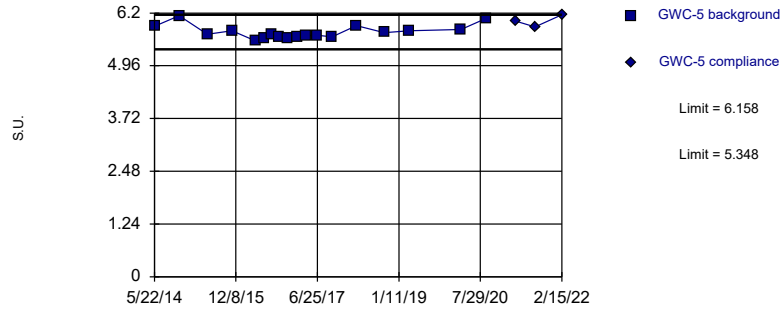


Background Data Summary (based on square transformation): Mean=39.54, Std. Dev.=1.551, n=18. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8631, critical = 0.858. Kappa = 2.511 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: pH Analysis Run 4/8/2022 9:55 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Exceeds Limits

Prediction Limit
Intrawell Parametric

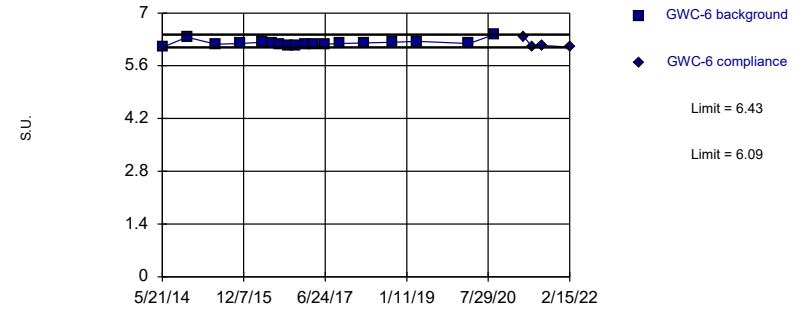


Background Data Summary: Mean=5.753, Std. Dev.=0.1613, n=18. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8787, critical = 0.858. Kappa = 2.511 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: pH Analysis Run 4/8/2022 9:55 AM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limits

Prediction Limit
Intrawell Non-parametric

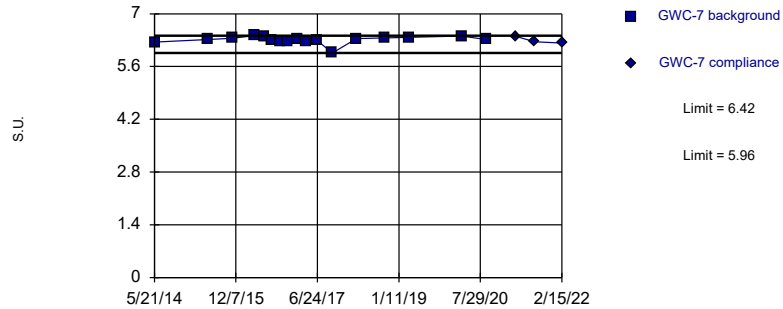


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 18 background values. Well-constituent pair annual alpha = 0.02143. Individual comparison alpha = 0.01075 (1 of 2).

Constituent: pH Analysis Run 4/8/2022 9:55 AM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limits

Prediction Limit
Intrawell Non-parametric

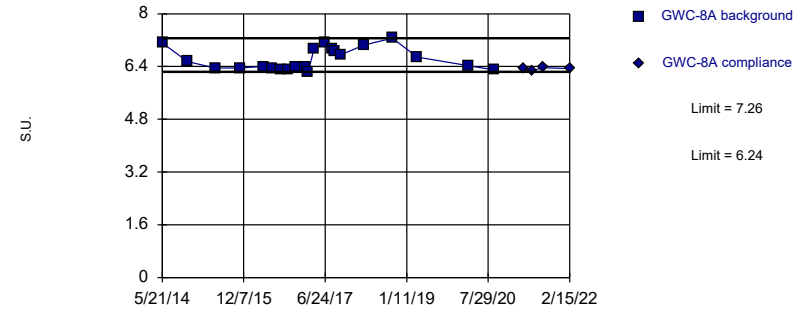


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 17 background values. Well-constituent pair annual alpha = 0.02359. Individual comparison alpha = 0.01183 (1 of 2).

Constituent: pH Analysis Run 4/8/2022 9:55 AM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limits

Prediction Limit
Intrawell Non-parametric

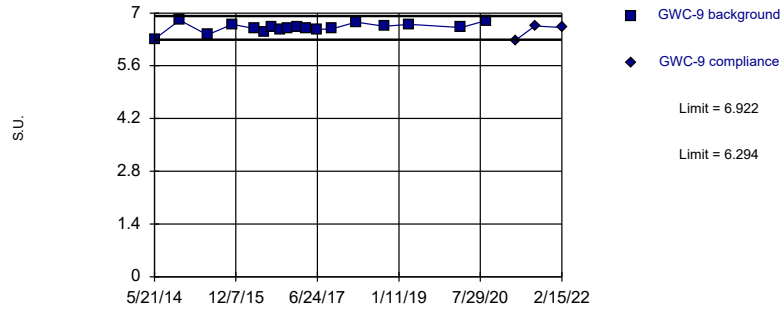


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 21 background values. Well-constituent pair annual alpha = 0.01596. Individual comparison alpha = 0.007998 (1 of 2).

Constituent: pH Analysis Run 4/8/2022 9:55 AM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limits

Prediction Limit
Intrawell Parametric

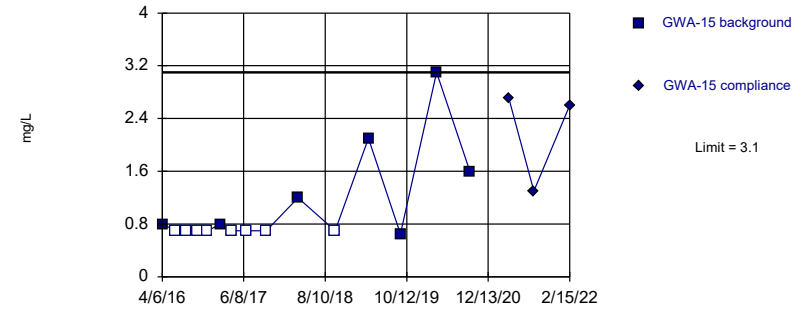


Background Data Summary: Mean=6.608, Std. Dev.=0.1251, n=18. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9528, critical = 0.858. Kappa = 2.511 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: pH Analysis Run 4/8/2022 9:55 AM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

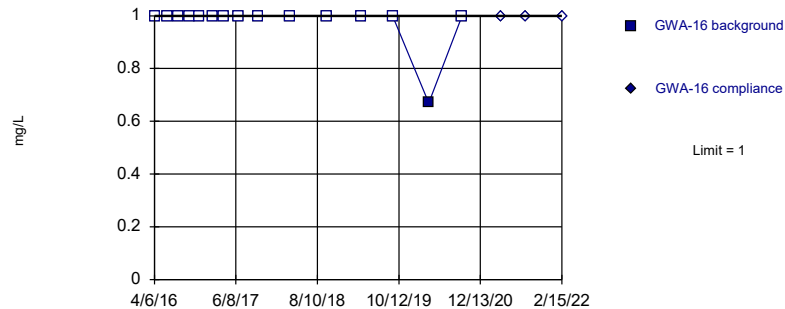


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 53.33% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Sulfate Analysis Run 4/8/2022 9:55 AM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

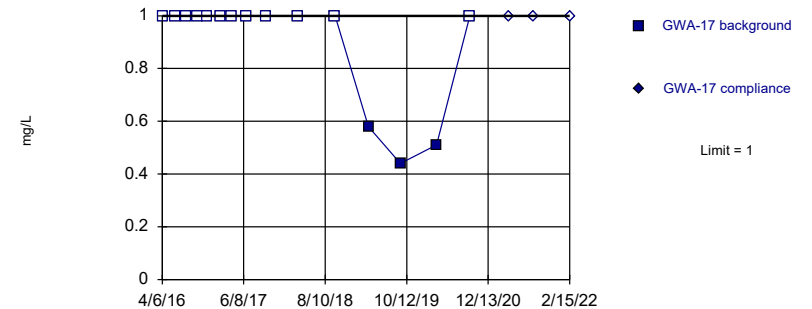


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 93.33% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Sulfate Analysis Run 4/8/2022 9:55 AM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

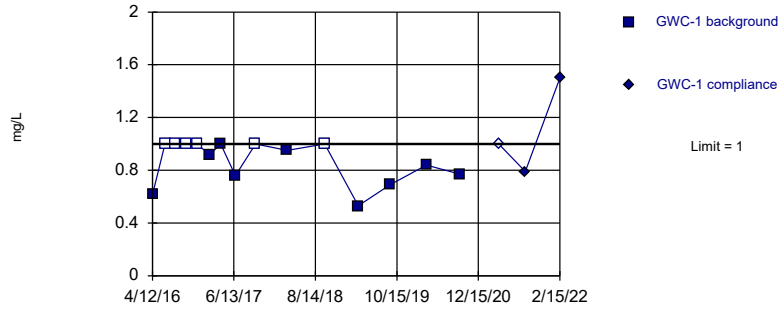


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 80% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Sulfate Analysis Run 4/8/2022 9:55 AM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Exceeds Limit

Prediction Limit
Intrawell Non-parametric

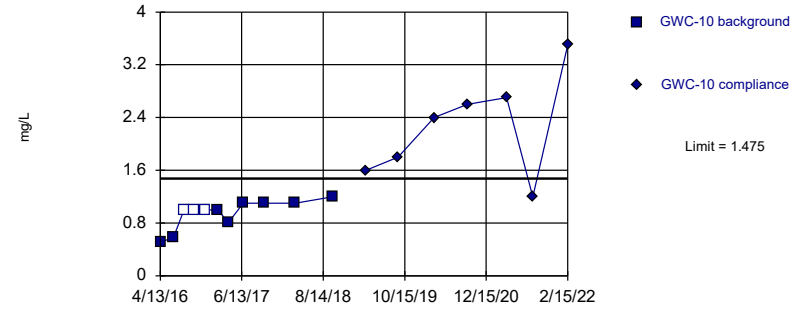


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 15 background values. 40% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Sulfate Analysis Run 4/8/2022 9:56 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Exceeds Limit

Prediction Limit
Intrawell Parametric

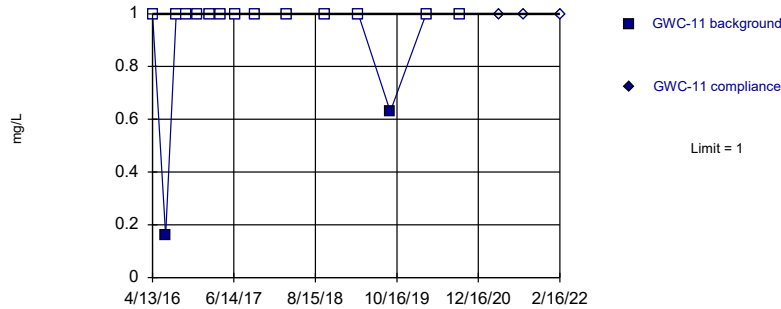


Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.7701, Std. Dev.=0.2398, n=11, 27.27% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8327, critical = 0.792. Kappa = 2.941 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Sulfate Analysis Run 4/8/2022 9:56 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

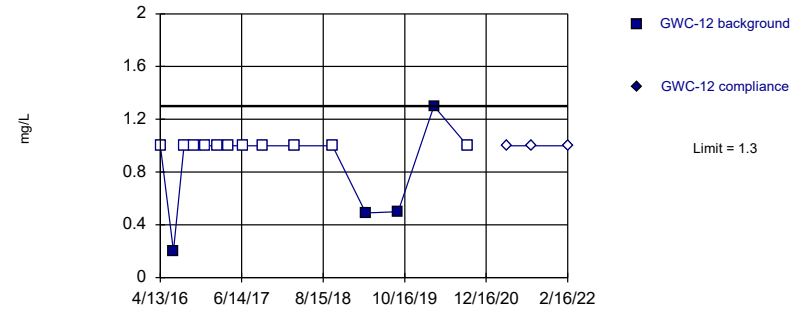


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 86.67% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Sulfate Analysis Run 4/8/2022 9:56 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

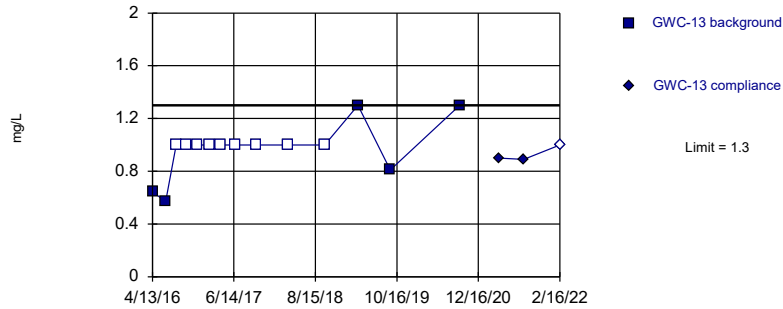


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 73.33% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Sulfate Analysis Run 4/8/2022 9:56 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

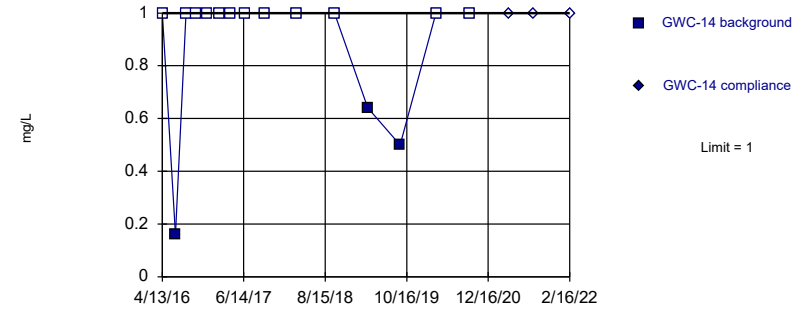


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 14 background values. 64.29% NDs. Well-constituent pair annual alpha = 0.01715. Individual comparison alpha = 0.008612 (1 of 2).

Constituent: Sulfate Analysis Run 4/8/2022 9:56 AM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

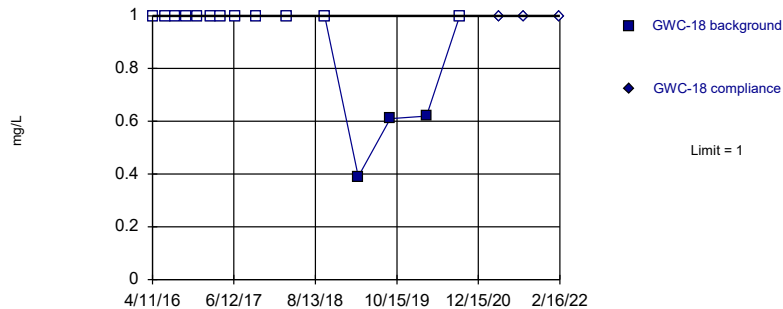


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 80% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Sulfate Analysis Run 4/8/2022 9:56 AM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

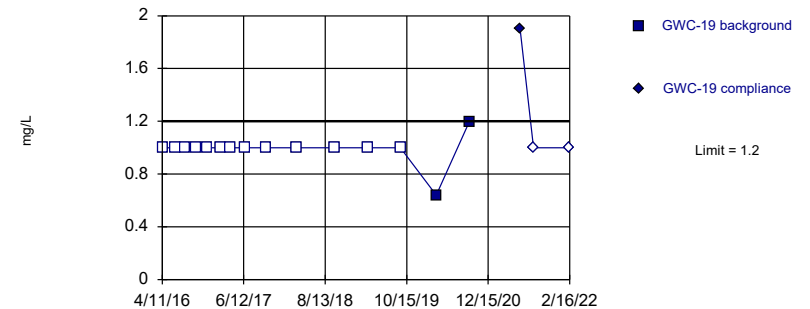


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 80% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Sulfate Analysis Run 4/8/2022 9:56 AM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

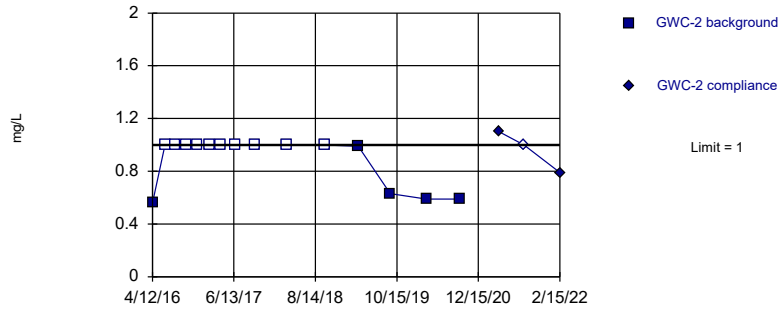


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 86.67% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Sulfate Analysis Run 4/8/2022 9:56 AM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

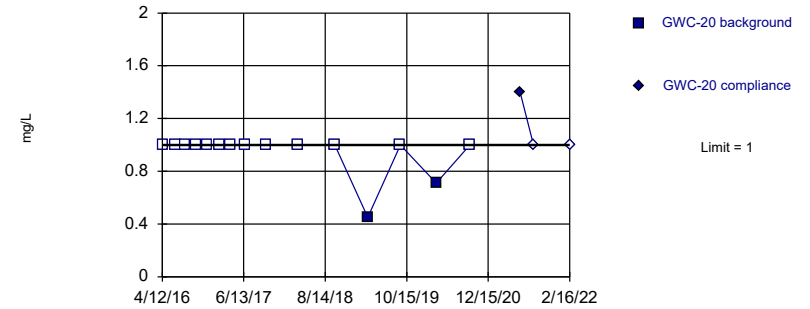


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 66.67% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Sulfate Analysis Run 4/8/2022 9:56 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

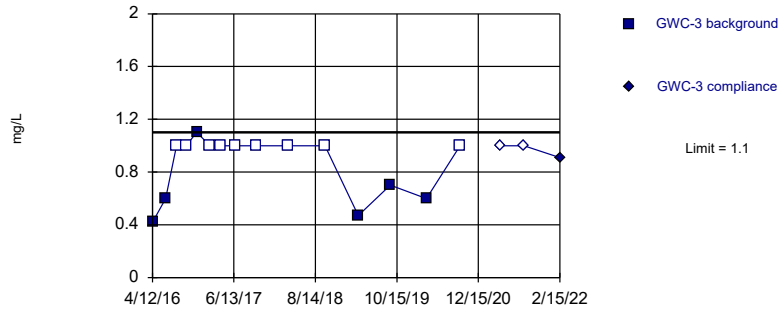


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 86.67% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Sulfate Analysis Run 4/8/2022 9:56 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

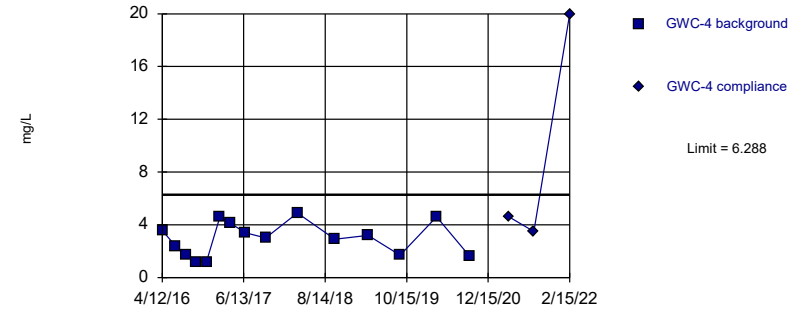


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 60% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Sulfate Analysis Run 4/8/2022 9:56 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Exceeds Limit

Prediction Limit
Intrawell Parametric

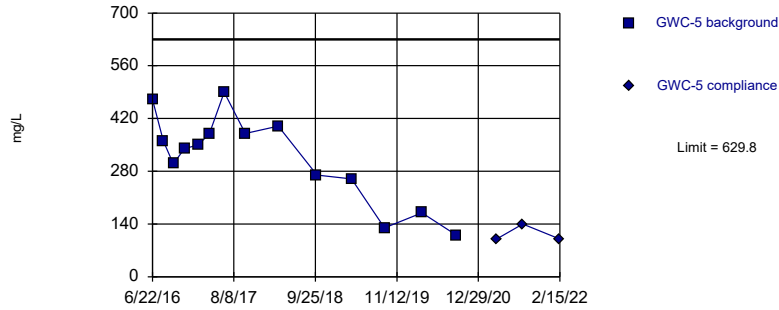


Background Data Summary: Mean=2.937, Std. Dev.=1.27, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9294, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Sulfate Analysis Run 4/8/2022 9:56 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

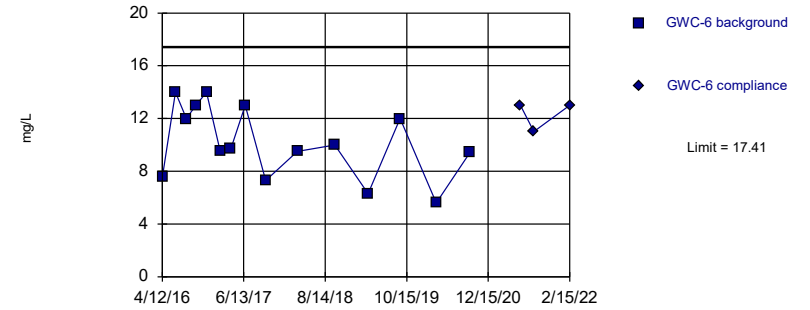


Background Data Summary: Mean=315, Std. Dev.=116.6, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9455, critical = 0.825. Kappa = 2.7 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Sulfate Analysis Run 4/8/2022 9:56 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

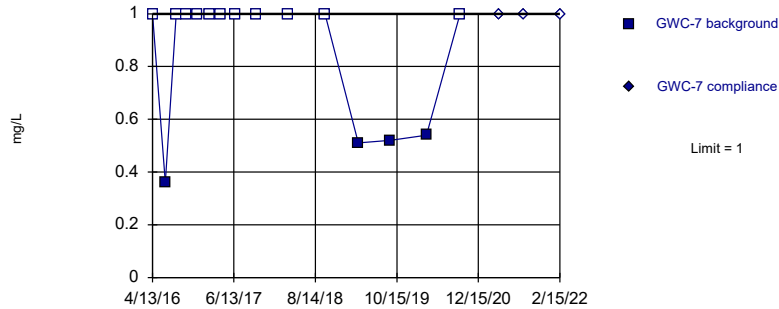


Background Data Summary: Mean=10.19, Std. Dev.=2.735, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9377, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Sulfate Analysis Run 4/8/2022 9:56 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

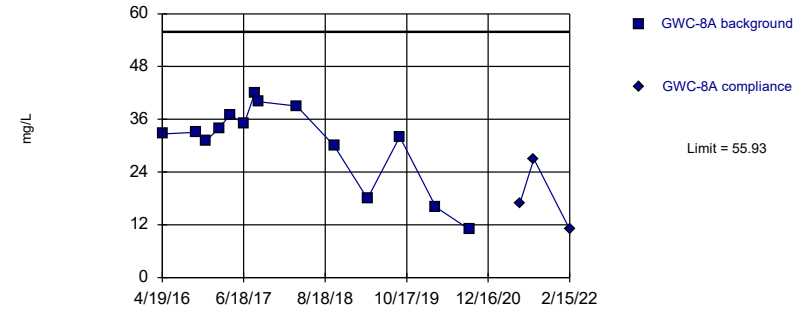


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 73.33% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Sulfate Analysis Run 4/8/2022 9:56 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

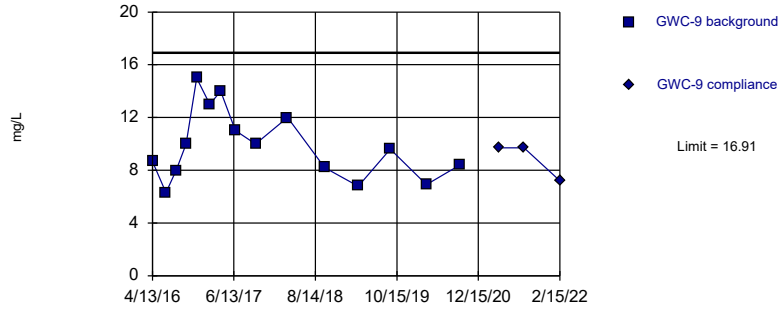


Background Data Summary: Mean=30.76, Std. Dev.=9.32, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8686, critical = 0.825. Kappa = 2.7 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Sulfate Analysis Run 4/8/2022 9:56 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

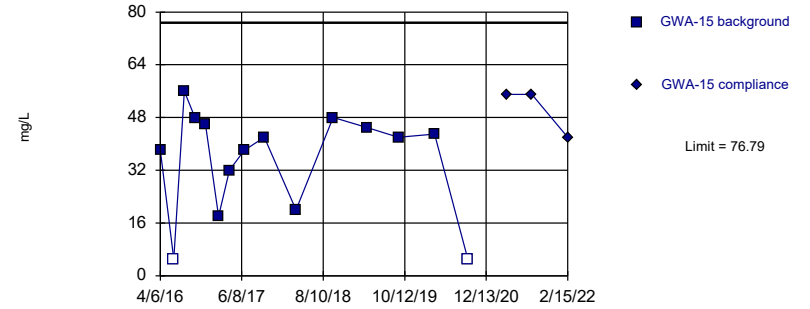


Background Data Summary: Mean=9.857, Std. Dev.=2.672, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9432, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Sulfate Analysis Run 4/8/2022 9:56 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

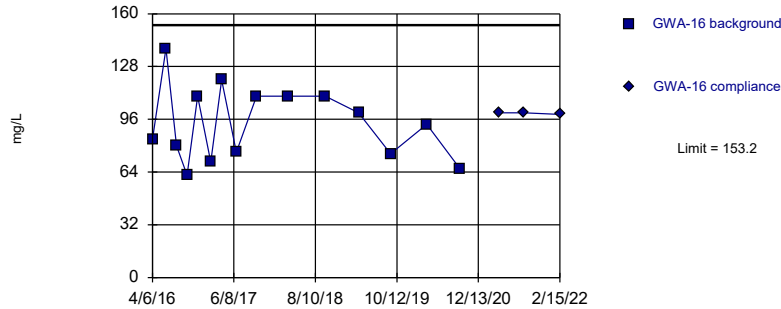


Background Data Summary: Mean=35.07, Std. Dev.=15.82, n=15, 13.33% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8705, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Total Dissolved Solids Analysis Run 4/8/2022 9:56 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

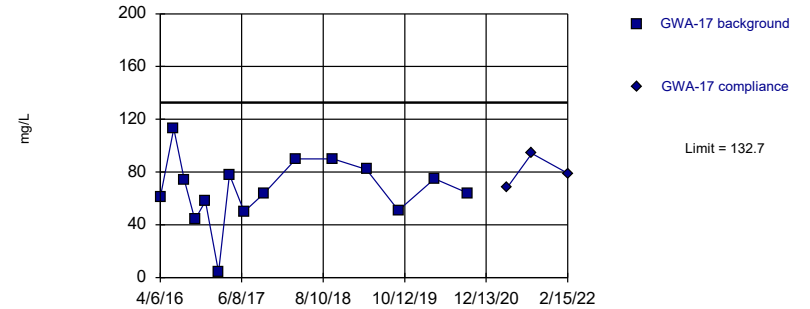


Background Data Summary: Mean=93.67, Std. Dev.=22.56, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9435, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Total Dissolved Solids Analysis Run 4/8/2022 9:56 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

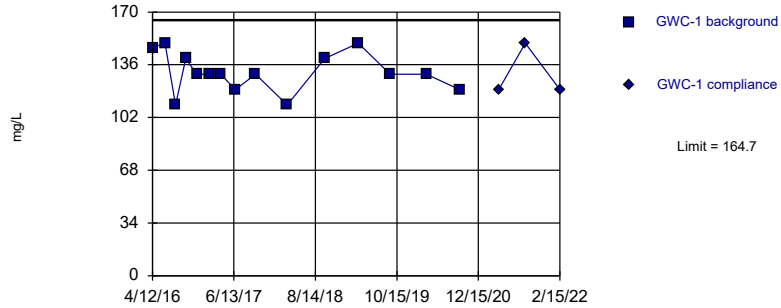


Background Data Summary: Mean=66.53, Std. Dev.=25.08, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9509, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Total Dissolved Solids Analysis Run 4/8/2022 9:56 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

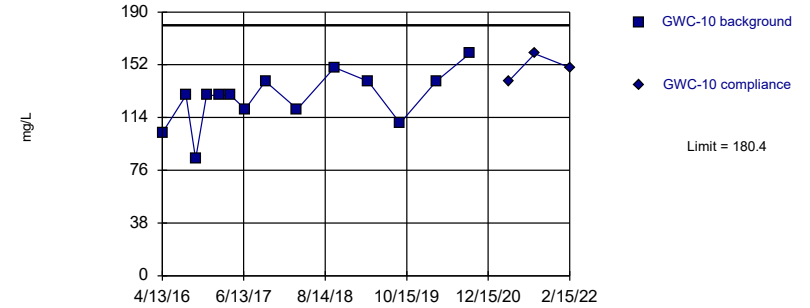


Background Data Summary: Mean=131.1, Std. Dev.=12.73, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9189, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Total Dissolved Solids Analysis Run 4/8/2022 9:56 AM View: Appendix III - Intrawell Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

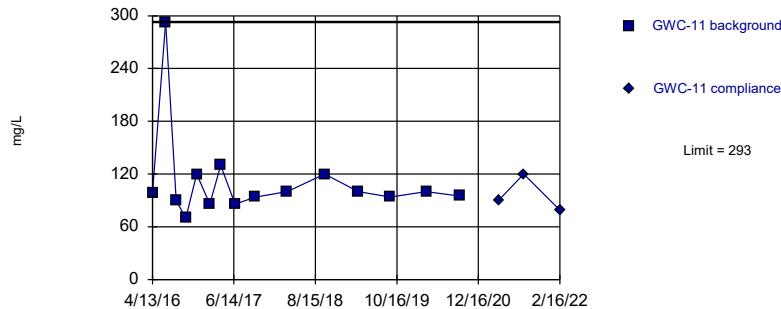


Background Data Summary: Mean=127.6, Std. Dev.=19.55, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9575, critical = 0.825. Kappa = 2.7 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Total Dissolved Solids Analysis Run 4/8/2022 9:56 AM View: Appendix III - Intrawell Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

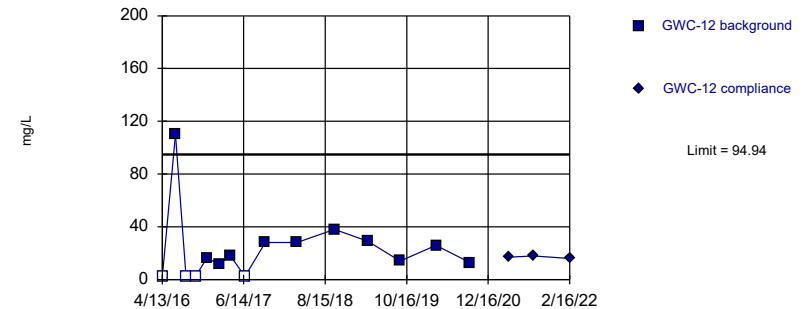


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 15 background values. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Total Dissolved Solids Analysis Run 4/8/2022 9:56 AM View: Appendix III - Intrawell Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

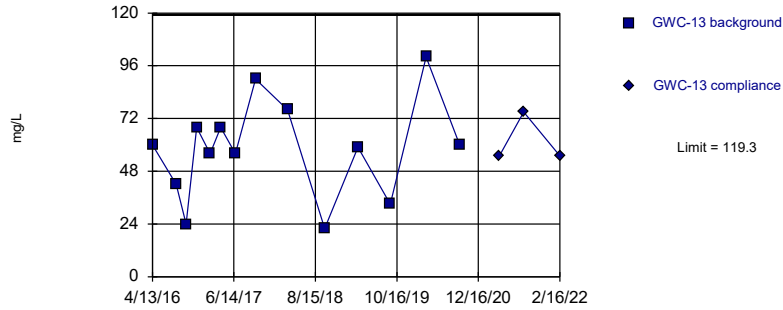


Background Data Summary (based on square root transformation) (after Kaplan-Meier Adjustment): Mean=4.249, Std. Dev.=2.083, n=15, 26.67% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8671, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Total Dissolved Solids Analysis Run 4/8/2022 9:56 AM View: Appendix III - Intrawell Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

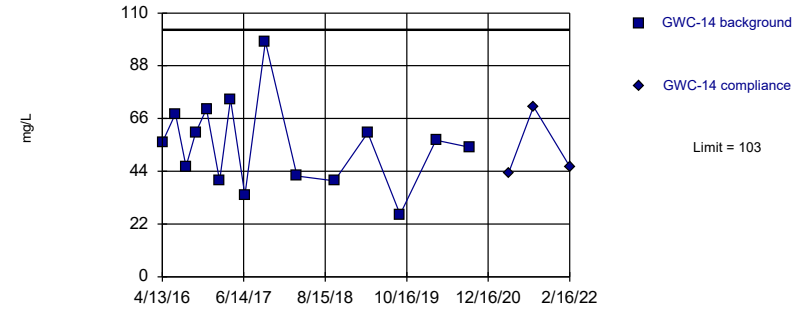


Background Data Summary: Mean=58.14, Std. Dev.=22.64, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9589, critical = 0.825. Kappa = 2.7 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Total Dissolved Solids Analysis Run 4/8/2022 9:56 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

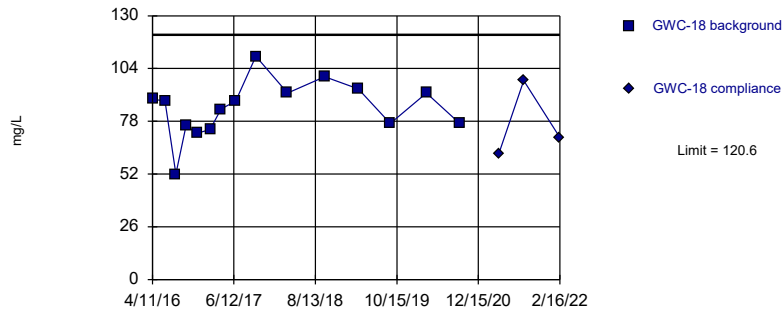


Background Data Summary: Mean=55, Std. Dev.=18.21, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9626, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Total Dissolved Solids Analysis Run 4/8/2022 9:56 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

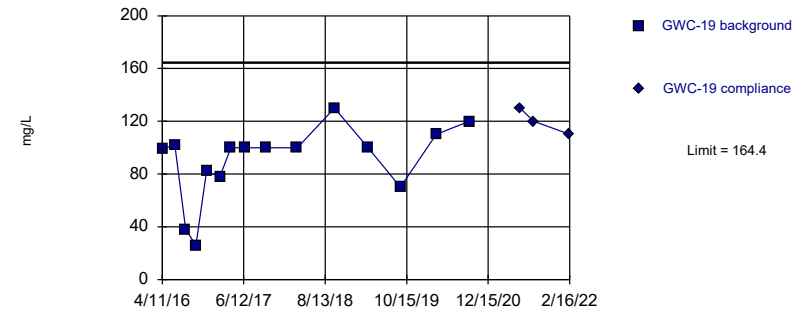


Background Data Summary: Mean=84.33, Std. Dev.=13.75, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9595, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Total Dissolved Solids Analysis Run 4/8/2022 9:56 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

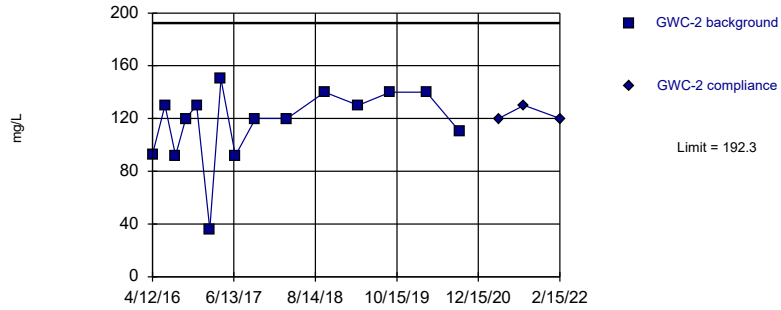


Background Data Summary: Mean=90.33, Std. Dev.=28.07, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8649, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Total Dissolved Solids Analysis Run 4/8/2022 9:56 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

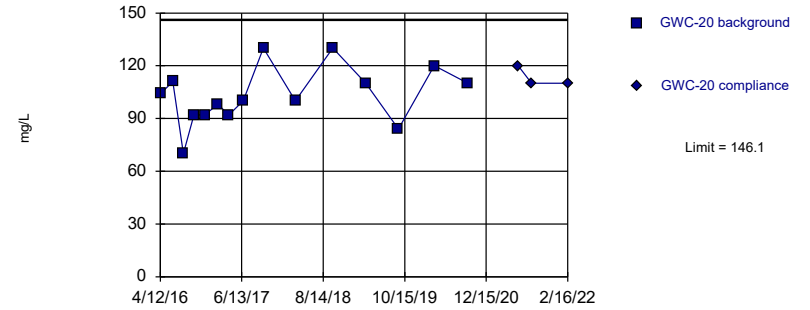


Background Data Summary: Mean=116.2, Std. Dev.=28.83, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8491, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Total Dissolved Solids Analysis Run 4/8/2022 9:56 AM View: Appendix III - Intrawell Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

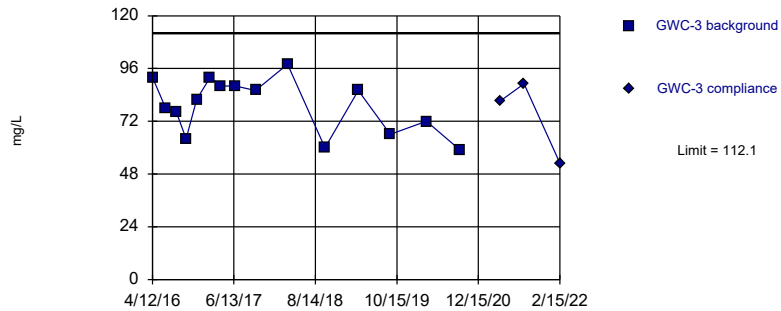


Background Data Summary: Mean=102.9, Std. Dev.=16.4, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9664, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Total Dissolved Solids Analysis Run 4/8/2022 9:56 AM View: Appendix III - Intrawell Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

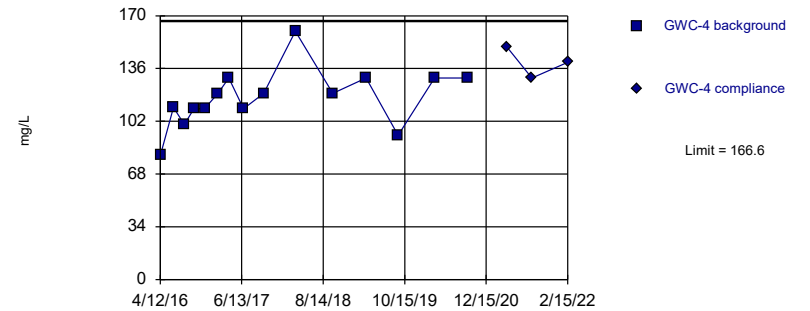


Background Data Summary: Mean=79.13, Std. Dev.=12.48, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9353, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Total Dissolved Solids Analysis Run 4/8/2022 9:56 AM View: Appendix III - Intrawell Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

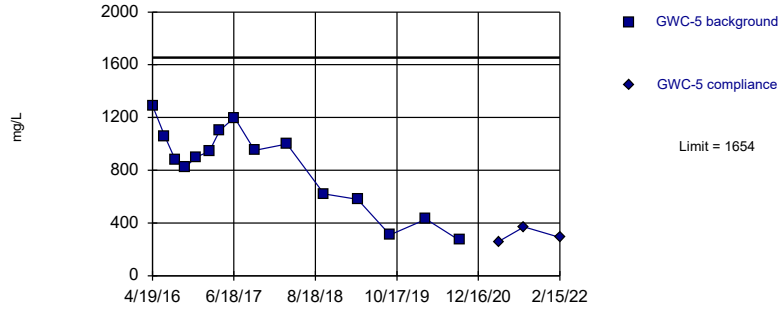


Background Data Summary: Mean=116.9, Std. Dev.=18.84, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9484, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Total Dissolved Solids Analysis Run 4/8/2022 9:56 AM View: Appendix III - Intrawell Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

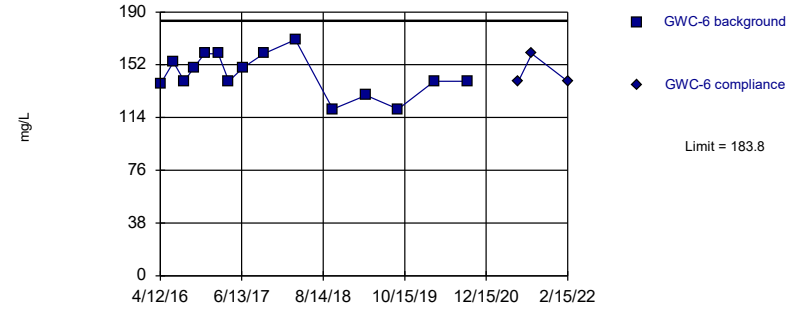


Background Data Summary: Mean=823.3, Std. Dev.=314.8, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9407, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Total Dissolved Solids Analysis Run 4/8/2022 9:56 AM View: Appendix III - Intrawell Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

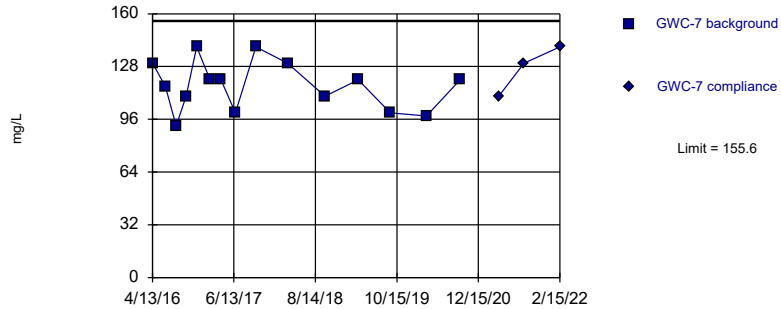


Background Data Summary: Mean=144.8, Std. Dev.=14.77, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9476, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Total Dissolved Solids Analysis Run 4/8/2022 9:56 AM View: Appendix III - Intrawell Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

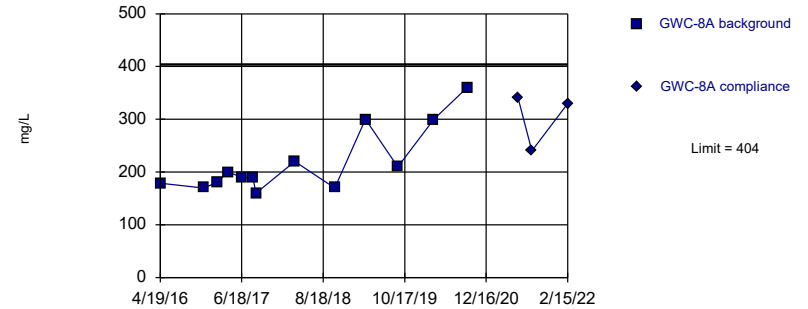


Background Data Summary: Mean=116.4, Std. Dev.=14.86, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9484, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Total Dissolved Solids Analysis Run 4/8/2022 9:56 AM View: Appendix III - Intrawell Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric

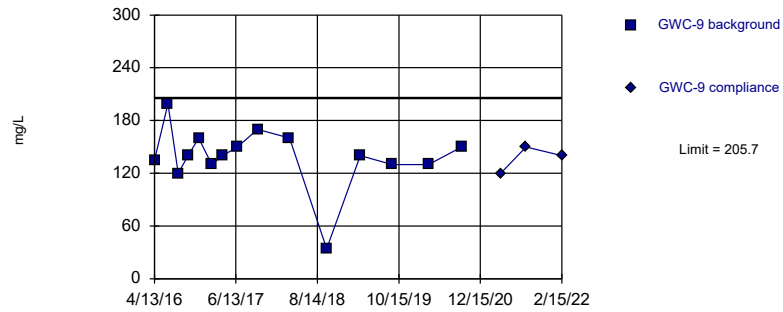


Background Data Summary (based on square root transformation): Mean=14.63, Std. Dev.=1.981, n=13. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8244, critical = 0.814. Kappa = 2.762 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Total Dissolved Solids Analysis Run 4/8/2022 9:56 AM View: Appendix III - Intrawell Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Parametric



Background Data Summary (based on square transformation): Mean=20532, Std. Dev.=8252, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9148, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Total Dissolved Solids Analysis Run 4/8/2022 9:56 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-1	GWC-1
4/12/2016	<0.08	
6/16/2016	<0.08	
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

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-13	GWC-13
4/13/2016	<0.08 (D)	
6/21/2016	<0.08	
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

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-3	GWC-3
4/12/2016	<0.08 (D)	
6/20/2016	<0.08	
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

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-7	GWC-7
4/13/2016	<0.08 (D)	
6/20/2016	<0.08	
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

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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	
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

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-9	GWC-9
4/13/2016	0.0774 (JD)	
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)

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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 (D)	
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

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-10	GWC-10
4/13/2016	15.6 (D)	
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 (D)	
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

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-11
4/13/2016	12.8 (D)	
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

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-12	GWC-12
4/13/2016	1.18 (D)	
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 (D)	
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

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-13	GWC-13
4/13/2016	5.71 (D)	
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 (D)	
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

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-14	GWC-14
4/13/2016	6.55 (D)	
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

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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 (D)	
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

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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 (D)	
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
10/7/2021		17
2/16/2022		15

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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 (D)	
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

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-3	GWC-3
4/12/2016	8.52 (D)	
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 (D)	
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

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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 (D)	
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

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-5
4/19/2016	198	
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 (D)	
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

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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 (D)	
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

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-7	GWC-7
4/13/2016	14 (D)	
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 (D)	
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

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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 (D)	
8/15/2017	29	
9/1/2017	32	
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

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-9	GWC-9
4/13/2016	18 (D)	
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 (D)	
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

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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 (D)	
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

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-1	GWC-1
4/12/2016	4.32	
6/16/2016	3.8	
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

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-10	GWC-10
4/13/2016	2.04 (D)	
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

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-11
4/13/2016	1.78 (D)	
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

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-12	GWC-12
4/13/2016	1.8 (D)	
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 (D)	
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

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-13	GWC-13
4/13/2016	1.82 (D)	
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

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-14	GWC-14
4/13/2016	2.71 (D)	
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

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-18	GWC-18
4/11/2016	2.53	
6/16/2016	2.5	
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

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-19
4/11/2016	1.84	
6/16/2016	1.9	
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

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-2	GWC-2
4/12/2016	2.34	
6/16/2016	2.4	
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

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-20	GWC-20
4/12/2016	2.03	
6/16/2016	2.2	
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

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-3	GWC-3
4/12/2016	3.04 (D)	
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

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-6	GWC-6
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

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-7	GWC-7
4/13/2016	1.68 (D)	
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

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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	
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

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-9	GWC-9
4/13/2016	3.64 (D)	
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

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15	GWA-15
4/6/2016	0.017 (J)	
6/15/2016	<0.1	
8/10/2016	<0.1	
10/4/2016	<0.1	
11/30/2016	<0.1	
2/7/2017	<0.1	
4/4/2017	<0.1	
6/20/2017	<0.1	
10/4/2017	<0.1	
3/20/2018	<0.1 (D)	
10/2/2018	<0.1	
3/26/2019	<0.1	
9/10/2019	<0.1	
3/18/2020	0.036 (J)	
9/9/2020	<0.1	
4/1/2021		<0.1
8/11/2021		0.036 (J)
2/15/2022		0.054 (J)

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-16	GWA-16
4/6/2016	0.048 (J)	
6/15/2016	<0.082	
8/10/2016	<0.082	
10/4/2016	<0.082	
11/29/2016	<0.082	
2/7/2017	<0.082	
4/4/2017	<0.082	
6/20/2017	<0.082	
10/5/2017	<0.082	
3/20/2018	<0.082	
10/2/2018	<0.082	
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)

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-17	GWA-17
4/6/2016	0.039 (J)	
6/15/2016	<0.082	
8/10/2016	<0.082	
10/5/2016	<0.082	
11/29/2016	<0.082	
2/7/2017	<0.082	
4/4/2017	<0.082	
6/20/2017	<0.082	
10/5/2017	<0.082	
3/20/2018	<0.082	
10/2/2018	<0.082	
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)

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-1	GWC-1
4/12/2016	0.087 (J)	
6/16/2016	0.04 (J)	
8/11/2016	0.092 (J)	
10/4/2016	<0.082	
11/30/2016	0.091 (J)	
2/7/2017	<0.082	
4/5/2017	<0.082	
6/20/2017	0.082 (J)	
10/4/2017	<0.082	
3/20/2018	<0.082	
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)
10/18/2021		0.081 (J)
2/15/2022		0.12

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-10	GWC-10
4/13/2016	0.082 (JD)	
6/21/2016	0.02 (J)	
8/15/2016	<0.082	
10/5/2016	<0.082	
12/1/2016	<0.082	
2/8/2017	<0.082	
4/6/2017	<0.082	
6/21/2017	<0.082	
10/5/2017	<0.082	
3/21/2018	<0.082	
10/2/2018	<0.082	
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)

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-11
4/13/2016	0.061 (JD)	
6/21/2016	0.03 (J)	
8/15/2016	<0.1	
10/5/2016	<0.1	
12/1/2016	<0.1	
2/8/2017	<0.1	
4/6/2017	<0.1	
6/20/2017	<0.1	
10/5/2017	<0.1	
3/21/2018	<0.1	
10/2/2018	<0.1	
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		<0.1

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-12	GWC-12
4/13/2016	0.01 (JD)	
6/21/2016	<0.1	
8/15/2016	<0.1	
10/5/2016	<0.1	
12/1/2016	<0.1	
2/8/2017	<0.1	
4/5/2017	<0.1	
6/20/2017	<0.1	
10/5/2017	<0.1	
3/21/2018	<0.1 (D)	
10/2/2018	<0.1	
3/26/2019	0.026 (J)	
9/11/2019	0.039 (J)	
3/18/2020	0.046 (J)	
9/10/2020	<0.1	
4/1/2021		<0.1
8/11/2021		0.029 (J)
2/16/2022		<0.1

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-13	GWC-13
4/13/2016	0.039 (JD)	
6/21/2016	<0.1	
8/15/2016	<0.1	
10/7/2016	<0.1	
12/1/2016	<0.1	
2/9/2017	<0.1	
4/6/2017	<0.1	
6/22/2017	<0.1	
10/6/2017	<0.1	
3/22/2018	<0.1	
10/3/2018	<0.1	
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		<0.1

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-14	GWC-14
4/13/2016	0.027 (JD)	
6/21/2016	<0.1	
8/15/2016	<0.1	
10/4/2016	<0.1	
12/1/2016	<0.1	
2/7/2017	<0.1	
4/6/2017	<0.1	
6/20/2017	<0.1	
10/5/2017	<0.1	
3/20/2018	<0.1	
10/2/2018	<0.1	
3/26/2019	0.034 (J)	
9/11/2019	0.045 (J)	
3/18/2020	0.068 (J)	
9/9/2020	<0.1	
4/1/2021		<0.1
8/11/2021		0.045 (J)
2/16/2022		<0.1

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-18	GWC-18
4/11/2016	0.047 (J)	
6/16/2016	<0.1	
8/11/2016	<0.1	
10/5/2016	<0.1	
11/29/2016	<0.1	
2/8/2017	<0.1	
4/6/2017	<0.1	
6/21/2017	<0.1	
10/5/2017	<0.1	
3/20/2018	<0.1	
10/2/2018	<0.1	
3/26/2019	0.046 (J)	
9/11/2019	0.055 (J)	
3/18/2020	<0.1	
9/9/2020	0.045 (J)	
4/1/2021		0.041 (J)
8/11/2021		0.062 (J)
2/16/2022		0.034 (J)

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-19
4/11/2016	0.048 (J)	
6/16/2016	<0.1	
8/11/2016	<0.1	
10/5/2016	<0.1	
11/29/2016	<0.1	
2/8/2017	<0.1	
4/5/2017	<0.1	
6/21/2017	<0.1	
10/5/2017	<0.1	
3/20/2018	<0.1	
10/2/2018	<0.1	
3/26/2019	0.04 (J)	
9/12/2019	0.032 (J)	
3/19/2020	<0.1	
9/9/2020	0.034 (J)	
6/1/2021		0.026 (J)
8/11/2021		0.047 (J)
2/16/2022		0.028 (J)

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-2	GWC-2
4/12/2016	0.046 (J)	
6/16/2016	<0.082	
8/11/2016	<0.082	
10/4/2016	<0.082	
11/30/2016	<0.082	
2/7/2017	<0.082	
4/6/2017	<0.082	
6/20/2017	<0.082	
10/4/2017	<0.082	
3/20/2018	<0.082	
10/2/2018	<0.082	
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)

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-20	GWC-20
4/12/2016	0.056 (J)	
6/16/2016	<0.1	
8/11/2016	<0.1	
10/5/2016	<0.1	
11/30/2016	<0.1	
2/8/2017	<0.1	
4/6/2017	<0.1	
6/21/2017	<0.1	
10/5/2017	<0.1	
3/21/2018	<0.1	
10/3/2018	<0.1	
3/26/2019	0.045 (J)	
9/12/2019	0.044 (J)	
3/19/2020	<0.1	
9/10/2020	0.051 (J)	
6/1/2021		0.033 (J)
8/11/2021		0.051 (J)
2/16/2022		<0.1

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-3	GWC-3
4/12/2016	0.057 (JD)	
6/20/2016	0.04 (J)	
8/16/2016	<0.082	
10/5/2016	<0.082	
11/30/2016	<0.082	
2/8/2017	<0.082	
4/6/2017	<0.082	
6/21/2017	<0.082	
10/5/2017	<0.082	
3/21/2018	<0.082	
10/3/2018	<0.082	
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)

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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+X)	
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

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-5
4/19/2016	0.024 (J)	
6/22/2016	<0.082	
8/16/2016	<0.082	
10/6/2016	<0.082	
12/1/2016	<0.082	
2/9/2017	<0.082	
4/6/2017	<0.082	
6/21/2017	<0.082	
10/5/2017	<0.082	
3/22/2018	<0.082	
10/3/2018	<0.082	
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

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-6	GWC-6
4/12/2016	0.061 (J)	
6/20/2016	<0.082	
8/16/2016	<0.082	
10/6/2016	<0.082	
11/30/2016	<0.082	
2/9/2017	<0.082	
4/6/2017	<0.082	
6/21/2017	<0.082	
10/6/2017	<0.082	
3/21/2018	<0.082	
10/3/2018	<0.082	
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)

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-7	GWC-7
4/13/2016	0.061 (JD)	
6/20/2016	0.12 (J)	
8/15/2016	<0.1	
10/6/2016	<0.1	
12/1/2016	<0.1	
2/9/2017	<0.1	
4/7/2017	<0.1	
6/22/2017	<0.1	
10/6/2017	<0.1	
3/22/2018	<0.1	
10/4/2018	<0.1	
3/27/2019	0.04 (J)	
9/11/2019	0.057 (J)	
3/19/2020	<0.1	
9/10/2020	0.053 (J)	
4/1/2021		0.072 (J)
8/11/2021		0.058 (J)
2/15/2022		0.083 (J)

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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)	
3/22/2018	0.091 (J)	
10/4/2018	0.14 (J+X)	
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)

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-9	GWC-9
4/13/2016	0.083 (JD)	
6/22/2016	0.03 (J)	
8/15/2016	<0.082	
10/6/2016	<0.082	
12/1/2016	<0.082	
2/8/2017	<0.082	
4/6/2017	<0.082	
6/21/2017	<0.082	
10/5/2017	0.084 (J)	
3/21/2018	<0.082	
10/2/2018	<0.082	
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)

Prediction Limit

Constituent: pH (S.U.) Analysis Run 4/8/2022 10:03 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15	GWA-15
5/20/2014	5.27	
11/12/2014	5.7	
5/22/2015	5.52	
11/11/2015	5.63	
4/6/2016	5.5 (D)	
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 (O)	
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	
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

Prediction Limit

Constituent: pH (S.U.) Analysis Run 4/8/2022 10:03 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-16	GWA-16
5/20/2014	6.18	
11/8/2014	6.52	
5/22/2015	6.3	
11/11/2015	6.36	
4/6/2016	6.46 (D)	
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

Prediction Limit

Constituent: pH (S.U.) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-17	GWA-17
5/20/2014	5.68	
11/8/2014	6.04	
5/22/2015	5.87	
11/9/2015	5.97	
4/6/2016	5.937 (D)	
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	
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

Prediction Limit

Constituent: pH (S.U.) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-1	GWC-1
5/23/2014	6.46	
11/13/2014	6.67	
5/23/2015	6.53	
11/11/2015	6.71	
4/12/2016	6.53 (D)	
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	
3/18/2020	6.53	
9/9/2020	6.57	
4/1/2021		6.52
10/18/2021		6.36
2/15/2022		6.83

Prediction Limit

Constituent: pH (S.U.) Analysis Run 4/8/2022 10:03 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-10	GWC-10
5/21/2014	6.3	
11/12/2014	6.49	
5/23/2015	6.3	
11/12/2015	6.45	
4/13/2016	6.42 (D)	
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	
3/18/2020	6.34	
9/9/2020	6.4	
4/1/2021		6.35
10/18/2021		6.25
2/15/2022		6.48

Prediction Limit

Constituent: pH (S.U.) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-11
5/20/2014	6.14	
11/12/2014	6.33	
5/24/2015	6.04	
11/12/2015	6.31	
4/13/2016	6.17 (D)	
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 (O)	
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	
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

Prediction Limit

Constituent: pH (S.U.) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-12	GWC-12
5/20/2014	4.86	
11/12/2014	5.3	
5/23/2015	5.04	
11/12/2015	5.31	
4/13/2016	5.22 (D)	
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 (O)	
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	
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

Prediction Limit

Constituent: pH (S.U.) Analysis Run 4/8/2022 10:03 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-13	GWC-13
5/20/2014	5.6	
11/12/2014	6.02	
5/24/2015	5.81	
11/12/2015	5.93	
4/13/2016	5.88 (D)	
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	
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

Prediction Limit

Constituent: pH (S.U.) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-14	GWC-14
5/20/2014	5.38	
11/12/2014	5.77	
5/24/2015	5.53	
11/11/2015	5.68	
4/13/2016	5.58 (D)	
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 (O)	
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	
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

Prediction Limit

Constituent: pH (S.U.) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-18	GWC-18
5/23/2014	6.19	
11/8/2014	6.42	
5/22/2015	6.26	
11/10/2015	6.29	
4/11/2016	6.3 (D)	
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	
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

Prediction Limit

Constituent: pH (S.U.) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-19
5/22/2014	6.37	
11/8/2014	6.51	
5/22/2015	6.35	
11/10/2015	6.41	
4/11/2016	6.36 (D)	
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	
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
2/16/2022		6.47

Prediction Limit

Constituent: pH (S.U.) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-2	GWC-2
5/22/2014	6.74	
11/13/2014	6.94	
5/24/2015	7	
11/11/2015	6.55	
4/12/2016	6.52 (D)	
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 (O)	
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	
3/18/2020	6.41	
9/9/2020	6.44	
4/1/2021		7.32
8/12/2021		6.41
2/15/2022		6.61

Prediction Limit

Constituent: pH (S.U.) Analysis Run 4/8/2022 10:03 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-20	GWC-20
5/22/2014	6.33	
11/9/2014	6.66	
5/22/2015	6.49	
11/10/2015	6.53	
4/12/2016	6.53 (D)	
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	
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

Prediction Limit

Constituent: pH (S.U.) Analysis Run 4/8/2022 10:03 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-3	GWC-3
5/22/2014	5.82	
11/9/2014	6.1	
5/22/2015	5.92	
11/16/2015	6.02	
4/12/2016	5.97 (D)	
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	
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

Prediction Limit

Constituent: pH (S.U.) Analysis Run 4/8/2022 10:03 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-4	GWC-4
5/22/2014	6.17	
11/9/2014	6.45	
5/22/2015	6.26	
11/11/2015	6.3	
4/12/2016	6.44 (D)	
6/20/2016	6.33	
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	
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

Prediction Limit

Constituent: pH (S.U.) Analysis Run 4/8/2022 10:03 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-5
5/22/2014	5.89	
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	
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

Prediction Limit

Constituent: pH (S.U.) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-6	GWC-6
5/21/2014	6.09	
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	
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

Prediction Limit

Constituent: pH (S.U.) Analysis Run 4/8/2022 10:03 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-7	GWC-7
5/21/2014	6.25	
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	
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

Prediction Limit

Constituent: pH (S.U.) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-8A	GWC-8A
5/21/2014	7.11	
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	
12/1/2016	6.37	
2/9/2017	6.39	
2/27/2017	6.24	
4/7/2017	6.93	
6/21/2017	7.11 (D)	
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	
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

Prediction Limit

Constituent: pH (S.U.) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-9	GWC-9
5/21/2014	6.31	
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	
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

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15	GWA-15
4/6/2016	0.799 (J)	
6/15/2016	<0.7	
8/10/2016	<0.7	
10/4/2016	<0.7	
11/30/2016	<0.7	
2/7/2017	0.8 (J)	
4/4/2017	<0.7	
6/20/2017	<0.7	
10/4/2017	<0.7	
3/20/2018	1.2	
10/2/2018	<0.7	
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

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-16	GWA-16
4/6/2016	<1	
6/15/2016	<1	
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

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-17	GWA-17
4/6/2016	<1	
6/15/2016	<1	
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

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-1	GWC-1
4/12/2016	0.617 (J)	
6/16/2016	<1	
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

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-10	GWC-10
4/13/2016	0.51 (JD)	
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

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-11
4/13/2016	<1 (D)	
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

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-12	GWC-12
4/13/2016	<1 (D)	
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 (D)	
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

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-13	GWC-13
4/13/2016	0.646 (JD)	
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

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-14	GWC-14
4/13/2016	<1 (D)	
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

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-18	GWC-18
4/11/2016	<1	
6/16/2016	<1	
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

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-19	GWC-19
4/11/2016	<1	
6/16/2016	<1	
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

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-2	GWC-2
4/12/2016	0.56 (J)	
6/16/2016	<1	
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)

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-20	GWC-20
4/12/2016	<1	
6/16/2016	<1	
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

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-3	GWC-3
4/12/2016	0.419 (JD)	
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)

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-7	GWC-7
4/13/2016	<1 (D)	
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

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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	
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

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-9	GWC-9
4/13/2016	8.66 (D)	
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

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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 (JX)	
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

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-10	GWC-10
4/13/2016	103 (D)	
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

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-11	GWC-11
4/13/2016	99 (D)	
6/21/2016	293	
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

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-12	GWC-12
4/13/2016	<5 (D)	
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 (JX)	
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

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-13	GWC-13
4/13/2016	60 (D)	
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

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-14	GWC-14
4/13/2016	56 (D)	
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

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-3	GWC-3
4/12/2016	92 (D)	
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

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-7	GWC-7
4/13/2016	130 (D)	
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

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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	
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

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 4/8/2022 10:03 AM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-9	GWC-9
4/13/2016	135 (D)	
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

FIGURE F.

Appendix I Interwell Prediction Limits - Two-Step - Significant Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 4/8/2022, 9:51 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NBg	Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method
Barium, Total (mg/L)	GWC-4	0.051	n/a	2/15/2022	0.055	Yes	96	n/a		n/a	2.083	n/a	n/a	0.0002086 NP Inter (normality) 1 of 2

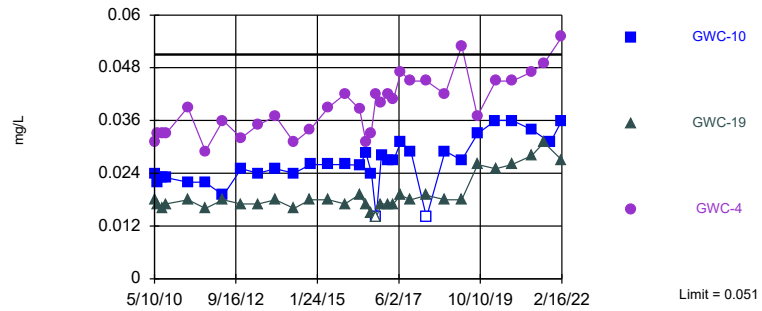
Appendix I Interwell Prediction Limits - Two-Step - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 4/8/2022, 9:51 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NBg	Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method
Barium, Total (mg/L)	GWC-10	0.051	n/a	2/15/2022	0.036	No	96	n/a	n/a	n/a	2.083	n/a	n/a	0.0002086 NP Inter (normality) 1 of 2
Barium, Total (mg/L)	GWC-19	0.051	n/a	2/16/2022	0.027	No	96	n/a	n/a	n/a	2.083	n/a	n/a	0.0002086 NP Inter (normality) 1 of 2
Barium, Total (mg/L)	GWC-4	0.051	n/a	2/15/2022	0.055	Yes	96	n/a	n/a	n/a	2.083	n/a	n/a	0.0002086 NP Inter (normality) 1 of 2

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 96 background values. 2.083% NDs. Annual per-constituent alpha = 0.007067. Individual comparison alpha = 0.0002086 (1 of 2). Comparing 3 points to limit. Assumes 14 future values.

Constituent: Barium, Total Analysis Run 4/8/2022 9:50 AM View: Appendix I - Exceedances
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Prediction Limit

Constituent: Barium, T Total (mg/L) Analysis Run 4/8/2022 9:51 AM View: Appendix I - Exceedances

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-17 (bg)	GWA-15 (bg)	GWA-16 (bg)	GWC-10	GWC-4	GWC-19
5/8/2010	0.048 (J)					
5/9/2010		0.01 (J)	0.031 (J)			
5/10/2010				0.024 (J)		
5/11/2010					0.031 (J)	0.018 (J)
6/16/2010	0.044 (J)		0.029 (J)	0.022 (J)		0.017 (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)			0.016 (J)
7/28/2010		0.011 (J)		0.023 (J)	0.033 (J)	
9/7/2010	0.04 (J)		0.028 (J)			0.017 (J)
9/8/2010				0.023 (J)	0.033 (J)	
9/9/2010		0.011 (J)				
4/28/2011					0.039 (J)	
4/29/2011	0.038 (J)		0.026 (J)	0.022 (J)		0.018 (J)
4/30/2011		0.0091 (J)				
10/27/2011				0.022		
10/28/2011	0.034	0.0096 (J)	0.025			0.016
10/29/2011					0.029	
5/2/2012	0.03	0.012	0.025			0.018
5/3/2012					0.036	
5/4/2012				0.019		
11/9/2012	0.039 (V)	0.012 (V)	0.028 (V)			0.017 (V)
11/10/2012					0.032 (V)	
11/11/2012				0.025 (V)		
5/8/2013	0.034	0.01	0.029			
5/9/2013				0.024		0.017
5/10/2013					0.035	
11/5/2013		0.0098 (J)		0.025		
11/6/2013	0.032		0.026		0.037	0.018 (V)
5/20/2014	0.03	0.0081 (J)	0.025			
5/21/2014				0.024		
5/22/2014					0.031	0.016
11/8/2014	0.031		0.026			0.018
11/9/2014					0.034	
11/12/2014		0.0098 (J)		0.026		
5/22/2015	0.033	0.0088 (J)	0.026		0.039	
5/23/2015				0.026		0.018
11/9/2015	0.034		0.024			
11/10/2015						0.017
11/11/2015		0.011			0.042	
11/12/2015				0.026		
4/6/2016	0.0347	0.00959 (J)	0.026			
4/11/2016						0.0191
4/12/2016					0.0386	
4/13/2016				0.0258 (D)		
6/15/2016	0.029	0.0091 (J)	0.023			
6/16/2016						0.017
6/20/2016					0.031	
6/21/2016				0.0286		
8/10/2016	0.027	0.009	0.022			
8/11/2016						0.015

Prediction Limit

Constituent: Barium, T Total (mg/L) Analysis Run 4/8/2022 9:51 AM View: Appendix I - Exceedances

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-17 (bg)	GWA-15 (bg)	GWA-16 (bg)	GWC-10	GWC-4	GWC-19
8/12/2016					0.033	
8/15/2016				0.024		
10/4/2016		<0.028	0.024			
10/5/2016	<0.028			<0.028		<0.028
10/6/2016					0.042	
11/29/2016	0.024		0.023			0.017
11/30/2016		0.011			0.04	
12/1/2016				0.028		
2/7/2017	0.029	0.0099	0.024			
2/8/2017				0.027	0.042	0.017
4/4/2017	0.03	0.0092	0.022			
4/5/2017						0.017
4/6/2017				0.027	0.041	
6/20/2017	0.036	0.0099	0.025			
6/21/2017				0.031		0.019
6/22/2017					0.047	
10/4/2017		0.0098				
10/5/2017	0.027		0.023	0.029		0.018
10/6/2017					0.045	
3/20/2018	0.027	0.01	0.023			0.019
3/21/2018				<0.028 (X)	0.045	
10/2/2018	0.027	0.0099	0.023	0.029		0.018
10/3/2018					0.042	
3/26/2019	0.031	0.0099	0.024		0.053	0.018
3/27/2019				0.027		
9/10/2019	0.051	0.011	0.039		0.037	
9/11/2019				0.033		
9/12/2019						0.026
3/18/2020	0.031	0.01	0.027	0.036		
3/19/2020					0.045	0.025
9/9/2020	0.033	0.01	0.024	0.036		0.026
9/10/2020					0.045	
4/1/2021	0.029	0.0092 (J)	0.024	0.034		
4/2/2021					0.047	
4/5/2021						0.028
8/11/2021	0.029	0.01	0.023			0.031
8/12/2021					0.049	
10/18/2021				0.031		
2/15/2022	0.031	0.012	0.024	0.036	0.055	
2/16/2022						0.027

FIGURE G.

Appendix III Interwell Prediction Limits - Two-Step - Significant Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 4/8/2022, 10:09 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NBq	Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method
Calcium (mg/L)	GWC-8A	14	n/a	2/15/2022	49	Yes	54	n/a	n/a	n/a	0	n/a	n/a	0.0006323 NP Inter (normality) 1 of 2
Fluoride (mg/L)	GWC-1	0.1	n/a	2/15/2022	0.12	Yes	54	n/a	n/a	n/a	62.96	n/a	n/a	0.0006323 NP Inter (NDs) 1 of 2
Fluoride (mg/L)	GWC-5	0.1	n/a	2/15/2022	0.16	Yes	54	n/a	n/a	n/a	62.96	n/a	n/a	0.0006323 NP Inter (NDs) 1 of 2
pH (S.U.)	GWC-1	6.52	5.27	2/15/2022	6.83	Yes	63	n/a	n/a	n/a	0	n/a	n/a	0.0009402 NP Inter (normality) 1 of 2
pH (S.U.)	GWC-18	6.52	5.27	2/16/2022	6.54	Yes	63	n/a	n/a	n/a	0	n/a	n/a	0.0009402 NP Inter (normality) 1 of 2
pH (S.U.)	GWC-20	6.52	5.27	2/16/2022	6.71	Yes	63	n/a	n/a	n/a	0	n/a	n/a	0.0009402 NP Inter (normality) 1 of 2
Sulfate (mg/L)	GWC-10	3.1	n/a	2/15/2022	3.5	Yes	54	n/a	n/a	n/a	74.07	n/a	n/a	0.0006323 NP Inter (NDs) 1 of 2
Sulfate (mg/L)	GWC-4	3.1	n/a	2/15/2022	20	Yes	54	n/a	n/a	n/a	74.07	n/a	n/a	0.0006323 NP Inter (NDs) 1 of 2

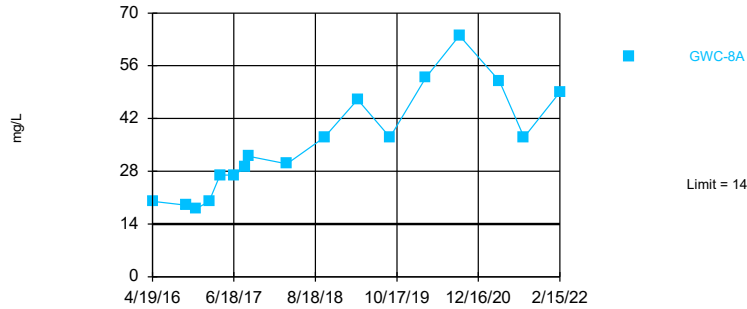
Appendix III Interwell Prediction Limits - Two-Step - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 4/8/2022, 10:09 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NBq	Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method
Calcium (mg/L)	GWC-8A	14	n/a	2/15/2022	49	Yes	54	n/a	n/a	n/a	0	n/a	n/a	0.0006323 NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-10	7.2	n/a	2/15/2022	4.6	No	54	n/a	n/a	n/a	0	n/a	n/a	0.0006323 NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-7	7.2	n/a	2/15/2022	2.7	No	54	n/a	n/a	n/a	0	n/a	n/a	0.0006323 NP Inter (normality) 1 of 2
Fluoride (mg/L)	GWC-1	0.1	n/a	2/15/2022	0.12	Yes	54	n/a	n/a	n/a	62.96	n/a	n/a	0.0006323 NP Inter (NDs) 1 of 2
Fluoride (mg/L)	GWC-5	0.1	n/a	2/15/2022	0.16	Yes	54	n/a	n/a	n/a	62.96	n/a	n/a	0.0006323 NP Inter (NDs) 1 of 2
pH (S.U.)	GWC-1	6.52	5.27	2/15/2022	6.83	Yes	63	n/a	n/a	n/a	0	n/a	n/a	0.0009402 NP Inter (normality) 1 of 2
pH (S.U.)	GWC-18	6.52	5.27	2/16/2022	6.54	Yes	63	n/a	n/a	n/a	0	n/a	n/a	0.0009402 NP Inter (normality) 1 of 2
pH (S.U.)	GWC-20	6.52	5.27	2/16/2022	6.71	Yes	63	n/a	n/a	n/a	0	n/a	n/a	0.0009402 NP Inter (normality) 1 of 2
pH (S.U.)	GWC-5	6.52	5.27	2/15/2022	6.16	No	63	n/a	n/a	n/a	0	n/a	n/a	0.0009402 NP Inter (normality) 1 of 2
Sulfate (mg/L)	GWC-1	3.1	n/a	2/15/2022	1.5	No	54	n/a	n/a	n/a	74.07	n/a	n/a	0.0006323 NP Inter (NDs) 1 of 2
Sulfate (mg/L)	GWC-10	3.1	n/a	2/15/2022	3.5	Yes	54	n/a	n/a	n/a	74.07	n/a	n/a	0.0006323 NP Inter (NDs) 1 of 2
Sulfate (mg/L)	GWC-4	3.1	n/a	2/15/2022	20	Yes	54	n/a	n/a	n/a	74.07	n/a	n/a	0.0006323 NP Inter (NDs) 1 of 2

Exceeds Limit: GWC-8A

Prediction Limit
Interwell Non-parametric

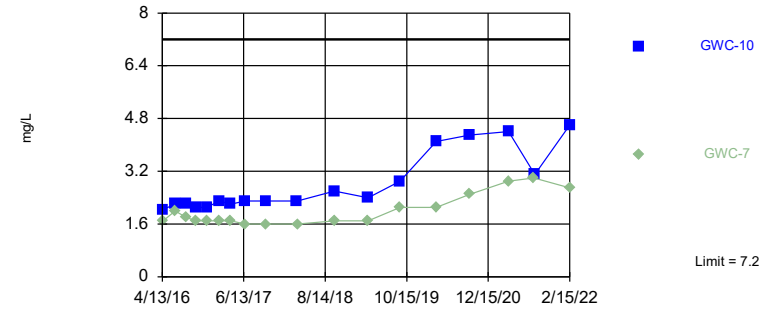


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Francia normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 54 background values. Annual per-constituent alpha = 0.02128. Individual comparison alpha = 0.0006323 (1 of 2). Assumes 16 future values.

Constituent: Calcium Analysis Run 4/8/2022 10:08 AM View: Appendix III - Exceedances
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Interwell Non-parametric

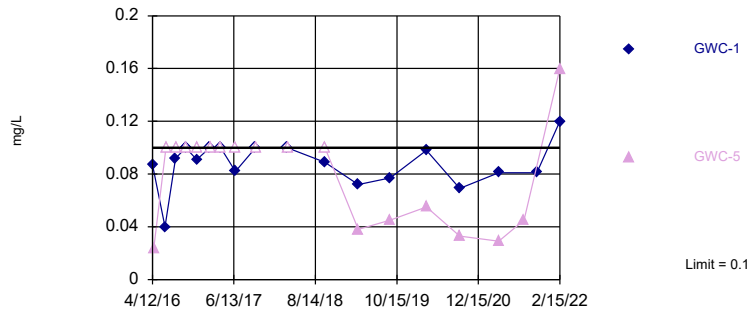


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Francia normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 54 background values. Annual per-constituent alpha = 0.02128. Individual comparison alpha = 0.0006323 (1 of 2). Comparing 2 points to limit. Assumes 15 future values.

Constituent: Chloride Analysis Run 4/8/2022 10:08 AM View: Appendix III - Exceedances
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Exceeds Limit: GWC-1, GWC-5

Prediction Limit
Interwell Non-parametric

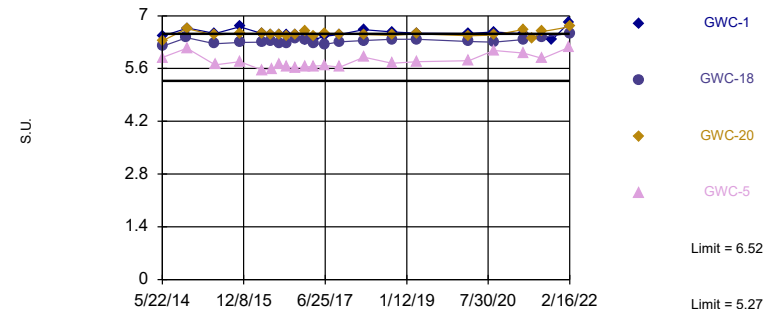


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 54 background values. 62.96% NDs. Annual per-constituent alpha = 0.02128. Individual comparison alpha = 0.0006323 (1 of 2). Comparing 2 points to limit. Assumes 15 future values.

Constituent: Fluoride Analysis Run 4/8/2022 10:08 AM View: Appendix III - Exceedances
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Exceeds Limits: GWC-1, GWC-18, GWC-20

Prediction Limit
Interwell Non-parametric

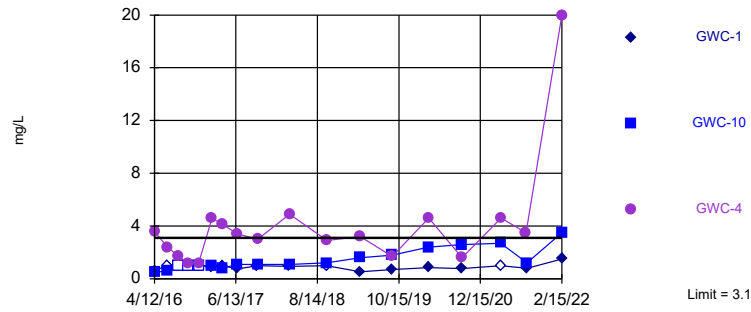


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Francia normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 63 background values. Annual per-constituent alpha = 0.03172. Individual comparison alpha = 0.0009402 (1 of 2). Comparing 4 points to limit. Assumes 13 future values.

Constituent: pH Analysis Run 4/8/2022 10:08 AM View: Appendix III - Exceedances
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Exceeds Limit: GWC-10, 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 54 background values. 74.07% NDs. Annual per-constituent alpha = 0.02128. Individual comparison alpha = 0.0006323 (1 of 2). Comparing 3 points to limit. Assumes 14 future values.

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/8/2022 10:09 AM View: Appendix III - Exceedances

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-17 (bg)	GWA-16 (bg)	GWC-8A
4/6/2016	3.62	6.58	12.1	
4/19/2016				20
6/15/2016	4.5	6.9	11.8	
8/10/2016	3.8	5.5	10	
10/4/2016	5.3		14	
10/5/2016		6.8		
10/10/2016				19
11/29/2016		4.8	10	
11/30/2016	4.7			
12/1/2016				18
2/7/2017	3.8	7.8	12	
2/9/2017				20
4/4/2017	3.8	6.4	11	
4/7/2017				27
6/20/2017	4.1	7	11	
6/21/2017				27 (D)
8/15/2017				29
9/1/2017				32
10/4/2017	4.6			
10/5/2017		6.6	13	
3/20/2018	4.2 (D)	6.6	12	
3/22/2018				30
10/2/2018	4.2	5.8	11	
10/4/2018				37
3/26/2019	4	6.7	11	
3/27/2019				47
9/10/2019	4.8	7.5	12	
9/11/2019				37
3/18/2020	3.8	7.3	12	53
9/9/2020	4	7.3	11	64
4/1/2021	4	7.8	12	
4/5/2021				52
8/11/2021	4.1	7.3	11	
8/12/2021				37
2/15/2022	3.6	7.1	10	49

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/8/2022 10:09 AM View: Appendix III - Exceedances

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-17 (bg)	GWA-16 (bg)	GWC-10	GWC-7
4/6/2016	5.342	1.69	1.789		
4/13/2016				2.04 (D)	1.68 (D)
6/15/2016	5.2	1.9	2.1		
6/20/2016					2
6/21/2016				2.2	
8/10/2016	5.5	1.7	1.8		
8/15/2016				2.2	1.8
10/4/2016	5.4		1.7		
10/5/2016		1.6		2.1	
10/6/2016					1.7
11/29/2016		1.7	1.7		
11/30/2016	5.4				
12/1/2016				2.1	1.7
2/7/2017	5.1	1.6	1.6		
2/8/2017				2.3	
2/9/2017					1.7
4/4/2017	5.1	1.5	1.6		
4/6/2017				2.2	
4/7/2017					1.7
6/20/2017	5.2	1.5	1.6		
6/21/2017				2.3	
6/22/2017					1.6
10/4/2017	5.2				
10/5/2017		1.5	1.5	2.3	
10/6/2017					1.6
3/20/2018	5.6 (D)	1.4	1.5		
3/21/2018				2.3	
3/22/2018					1.6
10/2/2018	6.3	1.5	1.6	2.6	
10/4/2018					1.7
3/26/2019	5.5	1.3	1.5		
3/27/2019				2.4	1.7
9/10/2019	5.2	1.3	1.4		
9/11/2019				2.9	2.1
3/18/2020	5.4	2	1.7	4.1	
3/19/2020					2.1
9/9/2020	6.1	1.3	1.6	4.3	
9/10/2020					2.5
4/1/2021	7	1.5	1.8	4.4	2.9
8/11/2021	7.2	1.4	1.8		3
8/17/2021				3.1	
2/15/2022	6.5	1.4	1.6	4.6	2.7

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/8/2022 10:09 AM View: Appendix III - Exceedances

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-17 (bg)	GWA-16 (bg)	GWC-1	GWC-5
4/6/2016	0.017 (J)	0.039 (J)	0.048 (J)		
4/12/2016				0.087 (J)	
4/19/2016					0.024 (J)
6/15/2016	<0.1	<0.1	<0.1		
6/16/2016				0.04 (J)	
6/22/2016					<0.1
8/10/2016	<0.1	<0.1	<0.1		
8/11/2016				0.092 (J)	
8/16/2016					<0.1
10/4/2016	<0.1		<0.1	<0.1	
10/5/2016		<0.1			
10/6/2016					<0.1
11/29/2016		<0.1	<0.1		
11/30/2016	<0.1			0.091 (J)	
12/1/2016					<0.1
2/7/2017	<0.1	<0.1	<0.1	<0.1	
2/9/2017					<0.1
4/4/2017	<0.1	<0.1	<0.1		
4/5/2017				<0.1	
4/6/2017					<0.1
6/20/2017	<0.1	<0.1	<0.1	0.082 (J)	
6/21/2017					<0.1
10/4/2017	<0.1			<0.1	
10/5/2017		<0.1	<0.1		<0.1
3/20/2018	<0.1 (D)	<0.1	<0.1	<0.1	
3/22/2018					<0.1
10/2/2018	<0.1	<0.1	<0.1	0.089 (J)	
10/3/2018					<0.1
3/26/2019	<0.1	0.042 (J)	0.041 (J)	0.072 (J)	
3/27/2019					0.038 (J)
9/10/2019	<0.1	0.046 (J)	0.047 (J)	0.077 (J)	
9/11/2019					0.045 (J)
3/18/2020	0.036 (J)	0.071 (J)	0.041 (J)	0.098 (J)	0.055 (J)
9/9/2020	<0.1	0.036 (J)	0.034 (J)	0.069 (J)	0.033 (J)
4/1/2021	<0.1	0.042 (J)	0.035 (J)	0.081 (J)	0.029 (J)
8/11/2021	0.036 (J)	0.053 (J)	0.05 (J)		
8/12/2021					0.045 (J)
10/18/2021				0.081 (J)	
2/15/2022	0.054 (J)	0.083 (J)	0.079 (J)	0.12	0.16

Prediction Limit

Constituent: pH (S.U.) Analysis Run 4/8/2022 10:09 AM View: Appendix III - Exceedances

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-17 (bg)	GWA-16 (bg)	GWC-20	GWC-5	GWC-18	GWC-1
5/20/2014	5.27	5.68	6.18				
5/22/2014				6.33	5.89		
5/23/2014						6.19	6.46
11/8/2014		6.04	6.52			6.42	
11/9/2014				6.66	6.14		
11/12/2014	5.7						
11/13/2014							6.67
5/22/2015	5.52	5.87	6.3	6.49		6.26	
5/23/2015							6.53
5/24/2015					5.7		
11/9/2015		5.97					
11/10/2015				6.53		6.29	
11/11/2015	5.63		6.36		5.78		6.71
4/6/2016	5.5 (D)	5.937 (D)	6.46 (D)				
4/11/2016						6.3 (D)	
4/12/2016				6.53 (D)			6.53 (D)
4/19/2016					5.55		
6/15/2016	5.52	5.96	6.39				
6/16/2016				6.51		6.34	6.49
6/22/2016					5.6		
8/10/2016	5.5	5.94	6.39				
8/11/2016				6.49		6.28	6.5
8/16/2016					5.7		
10/4/2016	5.56		6.4				6.5
10/5/2016		5.86		6.46		6.27	
10/6/2016					5.64		
11/29/2016		5.82	6.36			6.39	
11/30/2016	5.46			6.5			6.48
12/1/2016					5.62		
2/7/2017	5.28 (O)	6.15	6.45				6.38
2/8/2017				6.59		6.35	
2/9/2017					5.64		
4/1/2017	5.48						
4/4/2017	5.48	6	6.37				
4/5/2017							6.36
4/6/2017				6.47	5.66	6.26	
6/20/2017	5.44	6.34	6.4				6.45
6/21/2017				6.53	5.68	6.24	
10/4/2017	5.44						6.5
10/5/2017		5.93	6.42	6.51	5.64	6.31	
3/20/2018	5.48	5.97	6.36			6.34	6.63
3/21/2018				6.5			
3/22/2018					5.9		
10/2/2018	5.49	6.03	6.38			6.38	6.57
10/3/2018				6.48	5.74		
3/26/2019	5.41	6.12	6.42	6.52		6.38	6.54
3/27/2019					5.78		
3/18/2020	5.42	6.03	6.29		5.81	6.32	6.53
3/19/2020				6.47			
9/9/2020	5.71	6.05	6.33		6.08	6.3	6.57
9/10/2020				6.49			
4/1/2021	5.31	6.14	6.44		6.01	6.37	6.52

Prediction Limit

Constituent: pH (S.U.) Analysis Run 4/8/2022 10:09 AM View: Appendix III - Exceedances
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-17 (bg)	GWA-16 (bg)	GWC-20	GWC-5	GWC-18	GWC-1
4/5/2021				6.64			
6/1/2021				6.39			
8/11/2021	5.5	6.14	6.35	6.58		6.43	
8/12/2021					5.87		
10/18/2021							6.36
2/15/2022	5.4	6.2	6.46		6.16		6.83
2/16/2022				6.71		6.54	

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/8/2022 10:09 AM View: Appendix III - Exceedances

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-17 (bg)	GWA-16 (bg)	GWC-1	GWC-4	GWC-10
4/6/2016	0.799 (J)	<1	<1			
4/12/2016				0.617 (J)	3.56	
4/13/2016						0.51 (JD)
6/15/2016	<1	<1	<1			
6/16/2016				<1		
6/20/2016					2.4	
6/21/2016						0.58 (J)
8/10/2016	<1	<1	<1			
8/11/2016				<1		
8/15/2016						<1
8/16/2016					1.7	
10/4/2016	<1		<1	<1		
10/5/2016		<1				<1
10/6/2016					1.2	
11/29/2016		<1	<1			
11/30/2016	<1			<1	1.2	
12/1/2016						<1
2/7/2017	0.8 (J)	<1	<1	0.92 (J)		
2/8/2017					4.6	1
4/4/2017	<1	<1	<1			
4/5/2017				1		
4/6/2017					4.1	0.81 (J)
6/20/2017	<1	<1	<1	0.76 (J)		
6/21/2017						1.1
6/22/2017					3.4	
10/4/2017	<1			<1		
10/5/2017		<1	<1			1.1
10/6/2017					3	
3/20/2018	1.2	<1	<1	0.95 (J)		
3/21/2018					4.9	1.1
10/2/2018	<1	<1	<1	<1		1.2
10/3/2018					2.9	
3/26/2019	2.1	0.58 (J)	<1	0.53 (J)	3.2	
3/27/2019						1.6
9/10/2019	0.65 (J)	0.44 (J)	<1	0.69 (J)	1.7	
9/11/2019						1.8
3/18/2020	3.1	0.51 (J)	0.67 (J)	0.84 (J)		2.4
3/19/2020					4.6	
9/9/2020	1.6	<1	<1	0.77 (J)		2.6
9/10/2020					1.6	
4/1/2021	2.7	<1	<1	<1		2.7
4/2/2021					4.6	
8/11/2021	1.3	<1	<1			
8/12/2021					3.5	
8/17/2021						1.2
8/18/2021				0.79 (J)		
2/15/2022	2.6	<1	<1	1.5	20	3.5

FIGURE H.

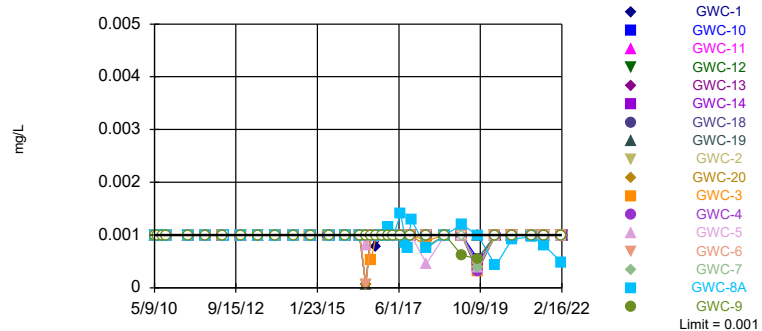
Appendix I Interwell Prediction Limits - All Results (No Significant)

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 4/8/2022, 10:15 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NBq	Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method
Arsenic, Total (mg/L)	GWC-1	0.001	n/a	2/15/2022	0.001ND	No	96	n/a	n/a	n/a	96.88	n/a	n/a	0.0002086 NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-10	0.001	n/a	2/15/2022	0.001ND	No	96	n/a	n/a	n/a	96.88	n/a	n/a	0.0002086 NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-11	0.001	n/a	2/16/2022	0.001ND	No	96	n/a	n/a	n/a	96.88	n/a	n/a	0.0002086 NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-12	0.001	n/a	2/16/2022	0.001ND	No	96	n/a	n/a	n/a	96.88	n/a	n/a	0.0002086 NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-13	0.001	n/a	2/16/2022	0.001ND	No	96	n/a	n/a	n/a	96.88	n/a	n/a	0.0002086 NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-14	0.001	n/a	2/16/2022	0.001ND	No	96	n/a	n/a	n/a	96.88	n/a	n/a	0.0002086 NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-18	0.001	n/a	2/16/2022	0.001ND	No	96	n/a	n/a	n/a	96.88	n/a	n/a	0.0002086 NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-19	0.001	n/a	2/16/2022	0.001ND	No	96	n/a	n/a	n/a	96.88	n/a	n/a	0.0002086 NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-2	0.001	n/a	2/15/2022	0.001ND	No	96	n/a	n/a	n/a	96.88	n/a	n/a	0.0002086 NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-20	0.001	n/a	2/16/2022	0.001ND	No	96	n/a	n/a	n/a	96.88	n/a	n/a	0.0002086 NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-3	0.001	n/a	2/15/2022	0.001ND	No	96	n/a	n/a	n/a	96.88	n/a	n/a	0.0002086 NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-4	0.001	n/a	2/15/2022	0.001ND	No	96	n/a	n/a	n/a	96.88	n/a	n/a	0.0002086 NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-5	0.001	n/a	2/15/2022	0.001ND	No	96	n/a	n/a	n/a	96.88	n/a	n/a	0.0002086 NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-6	0.001	n/a	2/15/2022	0.001ND	No	96	n/a	n/a	n/a	96.88	n/a	n/a	0.0002086 NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-7	0.001	n/a	2/15/2022	0.001ND	No	96	n/a	n/a	n/a	96.88	n/a	n/a	0.0002086 NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-8A	0.001	n/a	2/15/2022	0.00047J	No	96	n/a	n/a	n/a	96.88	n/a	n/a	0.0002086 NP Inter (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-9	0.001	n/a	2/15/2022	0.001ND	No	96	n/a	n/a	n/a	96.88	n/a	n/a	0.0002086 NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-1	0.001	n/a	2/15/2022	0.001ND	No	81	n/a	n/a	n/a	100	n/a	n/a	0.0002883 NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-13	0.001	n/a	2/16/2022	0.001ND	No	81	n/a	n/a	n/a	100	n/a	n/a	0.0002883 NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-6	0.001	n/a	2/15/2022	0.001ND	No	81	n/a	n/a	n/a	100	n/a	n/a	0.0002883 NP Inter (NDs) 1 of 2

Within Limit

Prediction Limit
 Interwell Non-parametric

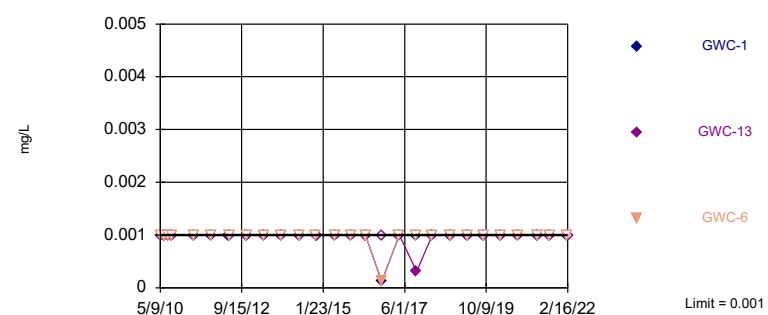


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 96 background values. 96.88% NDs. Annual per-constituent alpha = 0.007067. Individual comparison alpha = 0.0002086 (1 of 2). Comparing 17 points to limit.

Constituent: Arsenic, Total Analysis Run 4/8/2022 10:14 AM View: Appendix I - Interwell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

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 = 81) were censored; limit is most recent reporting limit. Annual per-constituent alpha = 0.009754. Individual comparison alpha = 0.0002883 (1 of 2). Comparing 3 points to limit. Assumes 14 future values.

Constituent: Silver Analysis Run 4/8/2022 10:14 AM View: Appendix I - Interwell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Prediction Limit

Constituent: Arsenic, Total (mg/L) Analysis Run 4/8/2022 10:15 AM View: Appendix I - Interwell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-17 (bg)	GWA-15 (bg)	GWC-14	GWA-16 (bg)	GWC-12	GWC-13	GWC-11	GWC-7	GWC-10
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	<0.001	
8/12/2021									
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		

Prediction Limit

Constituent: Arsenic, Total (mg/L) Analysis Run 4/8/2022 10:15 AM View: Appendix I - Interwell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-9	GWC-8A	GWC-18	GWC-6	GWC-19	GWC-5	GWC-4	GWC-2	GWC-3
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		<0.001				
6/17/2010							<0.001		<0.001
6/18/2010				<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	<0.001					<0.001		
9/9/2010				<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			<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
10/29/2011				<0.001			<0.001		
5/2/2012			<0.001		<0.001				
5/3/2012	<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		
11/11/2012	<0.001	<0.001							
5/8/2013			<0.001						
5/9/2013	<0.001			<0.001	<0.001	<0.001		<0.001	
5/10/2013		<0.001					<0.001		<0.001
11/5/2013								<0.001	
11/6/2013	<0.001		<0.001		<0.001	<0.001	<0.001		<0.001
11/7/2013		<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	<0.001
5/23/2014			<0.001						
11/8/2014			<0.001		<0.001				
11/9/2014				<0.001		<0.001	<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	<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		<0.001				
4/12/2016				<0.001			<0.001	<0.001	<0.001 (D)

Prediction Limit

Constituent: Arsenic, Total (mg/L) Analysis Run 4/8/2022 10:15 AM View: Appendix I - Interwell
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-9	GWC-8A	GWC-18	GWC-6	GWC-19	GWC-5	GWC-4	GWC-2	GWC-3
4/13/2016	<0.001 (D)								
4/19/2016		<0.001				<0.001			
6/15/2016									
6/16/2016			<0.001		5.1E-05 (J)			5.5E-05 (J)	
6/20/2016				6.3E-05 (J)			<0.001		<0.001
6/21/2016									
6/22/2016	<0.001					0.0008			
8/10/2016									
8/11/2016			<0.001		<0.001			<0.001	
8/12/2016				<0.001			<0.001		0.00053 (J)
8/15/2016	<0.001								
8/16/2016						<0.001			
10/4/2016								<0.001	
10/5/2016			<0.001		<0.001				<0.001
10/6/2016	<0.001			<0.001		<0.001	<0.001		
10/7/2016									
10/10/2016		<0.001							
11/29/2016			<0.001		<0.001				
11/30/2016				<0.001			<0.001	<0.001	<0.001
12/1/2016	<0.001	<0.001				<0.001			
2/7/2017								<0.001	
2/8/2017	<0.001		<0.001		<0.001		<0.001		<0.001
2/9/2017		0.00115 (D)		<0.001		<0.001			
4/4/2017									
4/5/2017					<0.001				
4/6/2017	<0.001		<0.001	<0.001		<0.001	<0.001	<0.001	<0.001
4/7/2017		<0.001							
6/20/2017								<0.001	
6/21/2017	<0.001	0.0014	<0.001	<0.001	<0.001	<0.001			<0.001
6/22/2017							<0.001		
8/15/2017		0.00086							
9/1/2017		0.00075							
10/4/2017								<0.001	
10/5/2017	<0.001		<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			<0.001			<0.001		0.00089
3/22/2018		0.00075				0.00046 (J)			
10/2/2018	<0.001		<0.001		<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		<0.001	<0.001	<0.001
3/27/2019	0.00062	0.0012				<0.001			
9/10/2019							0.00032 (J)	0.00038 (J)	0.00032 (J)
9/11/2019	0.00055 (J)	0.001 (J)	0.00043 (J)	0.00041 (J)		0.00038 (J)			
9/12/2019					<0.001				
3/18/2020	<0.001	0.00042 (J)	<0.001	<0.001		<0.001		<0.001	<0.001
3/19/2020					<0.001		<0.001		
9/9/2020	<0.001	0.00092 (J)	<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	

Prediction Limit

Constituent: Arsenic, Total (mg/L) Analysis Run 4/8/2022 10:15 AM View: Appendix I - Interwell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-9	GWC-8A	GWC-18	GWC-6	GWC-19	GWC-5	GWC-4	GWC-2	GWC-3
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				
8/12/2021	<0.001	0.00081 (J)				<0.001	<0.001	<0.001	<0.001
8/17/2021									
8/18/2021									
2/15/2022	<0.001	0.00047 (J)		<0.001		<0.001	<0.001	<0.001	<0.001
2/16/2022			<0.001		<0.001				

Prediction Limit

Constituent: Arsenic, Total (mg/L) Analysis Run 4/8/2022 10:15 AM View: Appendix I - Interwell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-1	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	<0.001
7/28/2010		
7/29/2010		
9/7/2010		<0.001
9/8/2010		
9/9/2010	<0.001	
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	<0.001	
11/10/2012		<0.001
11/11/2012		
5/8/2013		
5/9/2013	<0.001	<0.001
5/10/2013		
11/5/2013	<0.001	
11/6/2013		<0.001
11/7/2013		
5/20/2014		
5/21/2014		
5/22/2014		<0.001
5/23/2014	<0.001	
11/8/2014		
11/9/2014		<0.001
11/12/2014		
11/13/2014	<0.001	
5/22/2015		
5/23/2015	<0.001	
5/24/2015		<0.001
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: Arsenic, Total (mg/L) Analysis Run 4/8/2022 10:15 AM View: Appendix I - Interwell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-1	GWC-20
4/13/2016		
4/19/2016		
6/15/2016		
6/16/2016	6E-05 (J)	5.4E-05 (J)
6/20/2016		
6/21/2016		
6/22/2016		
8/10/2016		
8/11/2016	<0.001	<0.001
8/12/2016		
8/15/2016		
8/16/2016		
10/4/2016	0.00079	
10/5/2016		<0.001
10/6/2016		
10/7/2016		
10/10/2016		
11/29/2016		
11/30/2016	<0.001	<0.001
12/1/2016		
2/7/2017	<0.001	
2/8/2017		<0.001
2/9/2017		
4/4/2017		
4/5/2017	<0.001	
4/6/2017		<0.001
4/7/2017		
6/20/2017	<0.001	
6/21/2017		<0.001
6/22/2017		
8/15/2017		
9/1/2017		
10/4/2017	<0.001	
10/5/2017		<0.001
10/6/2017		
10/9/2017		
3/20/2018	<0.001	
3/21/2018		0.00078
3/22/2018		
10/2/2018	<0.001	
10/3/2018		<0.001
10/4/2018		
3/26/2019	<0.001	<0.001
3/27/2019		
9/10/2019	0.00033 (J)	
9/11/2019		
9/12/2019		<0.001
3/18/2020	<0.001	
3/19/2020		<0.001
9/9/2020	<0.001	
9/10/2020		<0.001
4/1/2021	<0.001	

Prediction Limit

Constituent: Arsenic, Total (mg/L) Analysis Run 4/8/2022 10:15 AM View: Appendix I - Interwell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-1	GWC-20
4/2/2021		
4/5/2021		<0.001
4/6/2021		
8/11/2021		<0.001
8/12/2021		
8/17/2021		
8/18/2021	<0.001	
2/15/2022	<0.001	
2/16/2022		<0.001

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 4/8/2022 10:15 AM View: Appendix I - Interwell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-17 (bg)	GWA-15 (bg)	GWA-16 (bg)	GWC-13	GWC-6	GWC-1
5/8/2010	<0.001					
5/9/2010		<0.001	<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		<0.001	<0.001	
7/26/2010	<0.001					
7/27/2010			<0.001		<0.001	<0.001
7/28/2010		<0.001				
7/29/2010				<0.001		
9/7/2010	<0.001		<0.001			
9/9/2010		<0.001		<0.001	<0.001	<0.001
4/26/2011				<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	<0.001	<0.001		
10/29/2011					<0.001	<0.001
5/2/2012	<0.001	<0.001	<0.001			
5/3/2012						<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	
11/11/2012				<0.001		
5/8/2013	<0.001	<0.001	<0.001	<0.001		
5/9/2013					<0.001	<0.001
11/5/2013		<0.001				<0.001
11/6/2013	<0.001		<0.001			
11/7/2013				<0.001	<0.001	
5/20/2014	<0.001	<0.001	<0.001	<0.001		
5/21/2014					<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		
11/13/2014						<0.001
5/22/2015	<0.001	<0.001	<0.001			
5/23/2015						<0.001
5/24/2015				<0.001	<0.001	
11/9/2015	<0.001		<0.001			
11/11/2015		<0.001			<0.001	<0.001
11/12/2015				<0.001		
4/6/2016	<0.001	<0.001	<0.001			
4/12/2016					<0.001	<0.001
4/13/2016				<0.001 (D)		
10/4/2016		<0.001	<0.001			0.00012 (J)
10/5/2016	<0.001					
10/6/2016					0.00012 (J)	
10/7/2016				<0.001		
4/4/2017	<0.001	<0.001	<0.001			
4/5/2017						<0.001
4/6/2017				<0.001	<0.001	

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 4/8/2022 10:15 AM View: Appendix I - Interwell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-17 (bg)	GWA-15 (bg)	GWA-16 (bg)	GWC-13	GWC-6	GWC-1
10/4/2017		<0.001				<0.001
10/5/2017	<0.001		<0.001			
10/6/2017				0.00031	<0.001	
3/20/2018	<0.001	<0.001 (D)	<0.001			<0.001
3/21/2018					<0.001	
3/22/2018				<0.001		
10/2/2018	<0.001	<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	<0.001
9/10/2019	<0.001	<0.001	<0.001			<0.001
9/11/2019				<0.001	<0.001	
3/18/2020	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
9/9/2020	<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
4/5/2021					<0.001	
4/6/2021				<0.001		
8/11/2021	<0.001	<0.001	<0.001	<0.001	<0.001	
8/18/2021						<0.001
2/15/2022	<0.001	<0.001	<0.001		<0.001	<0.001
2/16/2022				<0.001		

FIGURE I.

Appendix I & III Trend Tests - Significant Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 4/8/2022, 10:06 AM

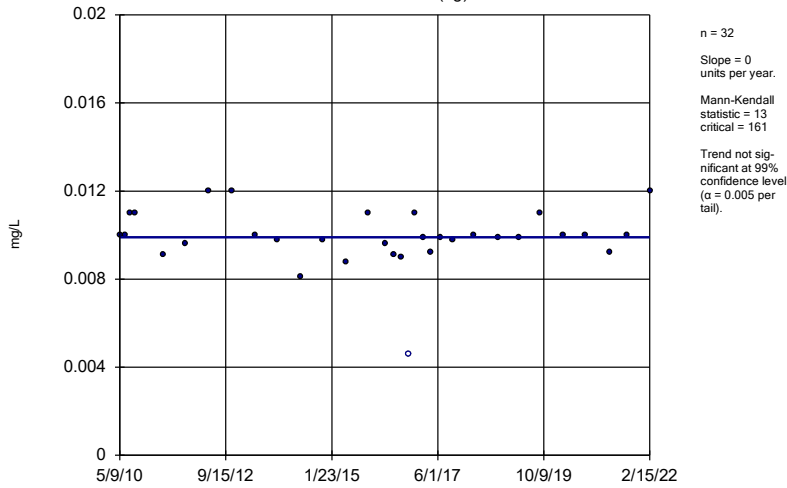
Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Barium, Total (mg/L)	GWA-16 (bg)	-0.0004242	-207	-161	Yes	32	0	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWA-17 (bg)	-0.0009501	-187	-161	Yes	32	3.125	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWC-10	0.0009786	303	161	Yes	32	6.25	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWC-19	0.0004321	215	161	Yes	32	3.125	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWC-4	0.00154	316	161	Yes	32	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWC-8A	6.973	103	63	Yes	17	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-17 (bg)	-0.07629	-79	-68	Yes	18	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWC-10	0.2684	125	68	Yes	18	0	n/a	n/a	0.01	NP
pH (S.U.)	GWA-17 (bg)	0.04139	101	87	Yes	21	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWC-10	0.3786	125	68	Yes	18	16.67	n/a	n/a	0.01	NP

Appendix I & III Trend Tests - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 4/8/2022, 10:06 AM

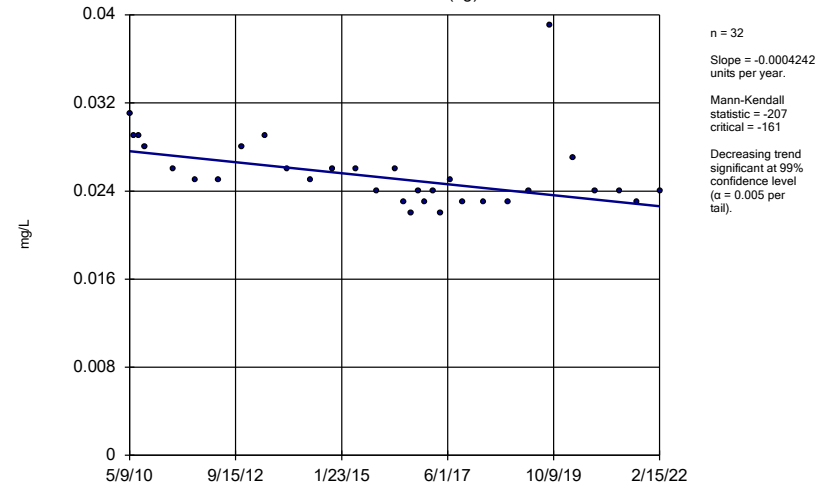
Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Barium, Total (mg/L)	GWA-15 (bg)	0	13	161	No	32	3.125	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWA-16 (bg)	-0.0004242	-207	-161	Yes	32	0	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWA-17 (bg)	-0.0009501	-187	-161	Yes	32	3.125	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWC-10	0.0009786	303	161	Yes	32	6.25	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWC-19	0.0004321	215	161	Yes	32	3.125	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWC-4	0.00154	316	161	Yes	32	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-15 (bg)	-0.02643	-14	-68	No	18	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-16 (bg)	0	-21	-68	No	18	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-17 (bg)	0.1519	56	68	No	18	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWC-8A	6.973	103	63	Yes	17	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-15 (bg)	0.1995	68	68	No	18	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-16 (bg)	-0.03222	-37	-68	No	18	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-17 (bg)	-0.07629	-79	-68	Yes	18	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWC-10	0.2684	125	68	Yes	18	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWC-7	0.1287	62	68	No	18	0	n/a	n/a	0.01	NP
Fluoride (mg/L)	GWA-15 (bg)	0	-19	-68	No	18	77.78	n/a	n/a	0.01	NP
Fluoride (mg/L)	GWA-16 (bg)	-0.0005971	-57	-68	No	18	55.56	n/a	n/a	0.01	NP
Fluoride (mg/L)	GWA-17 (bg)	0	-27	-68	No	18	55.56	n/a	n/a	0.01	NP
Fluoride (mg/L)	GWC-1	-1.1e-8	-15	-68	No	18	27.78	n/a	n/a	0.01	NP
Fluoride (mg/L)	GWC-5	0	-29	-68	No	18	55.56	n/a	n/a	0.01	NP
pH (S.U.)	GWA-15 (bg)	-0.02058	-72	-87	No	21	0	n/a	n/a	0.01	NP
pH (S.U.)	GWA-16 (bg)	0.005692	11	87	No	21	0	n/a	n/a	0.01	NP
pH (S.U.)	GWA-17 (bg)	0.04139	101	87	Yes	21	0	n/a	n/a	0.01	NP
pH (S.U.)	GWC-1	0	6	87	No	21	0	n/a	n/a	0.01	NP
pH (S.U.)	GWC-18	0.01907	76	87	No	21	0	n/a	n/a	0.01	NP
pH (S.U.)	GWC-20	0.003603	14	92	No	22	0	n/a	n/a	0.01	NP
pH (S.U.)	GWC-5	0.05051	71	87	No	21	0	n/a	n/a	0.01	NP
Selenium, Total (mg/L)	GWA-15 (bg)	0	-9	-161	No	32	96.88	n/a	n/a	0.01	NP
Selenium, Total (mg/L)	GWA-16 (bg)	0	-10	-161	No	32	90.63	n/a	n/a	0.01	NP
Selenium, Total (mg/L)	GWA-17 (bg)	0	1	161	No	32	93.75	n/a	n/a	0.01	NP
Selenium, Total (mg/L)	GWC-5	0	30	161	No	32	37.5	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-15 (bg)	0.1808	57	68	No	18	44.44	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-16 (bg)	0	-9	-68	No	18	94.44	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-17 (bg)	0	-22	-68	No	18	83.33	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWC-1	0	-9	-68	No	18	38.89	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWC-10	0.3786	125	68	Yes	18	16.67	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWC-4	0.2642	34	68	No	18	0	n/a	n/a	0.01	NP

Sen's Slope Estimator GWA-15 (bg)



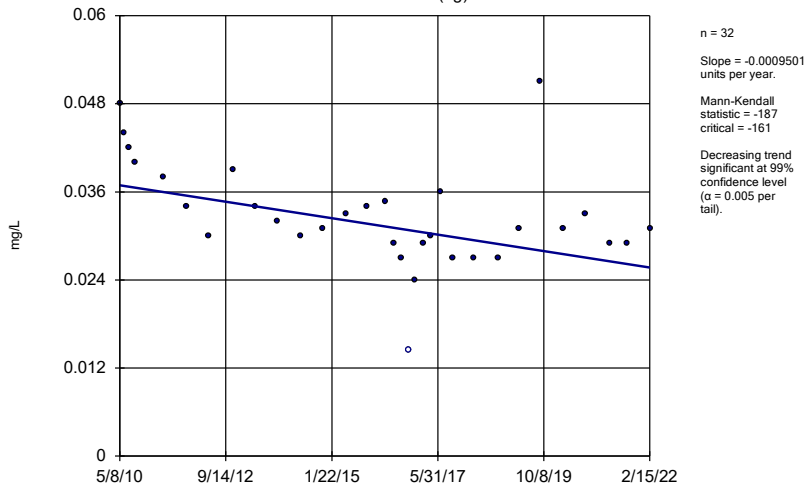
Constituent: Barium, Total Analysis Run 4/8/2022 10:05 AM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator GWA-16 (bg)



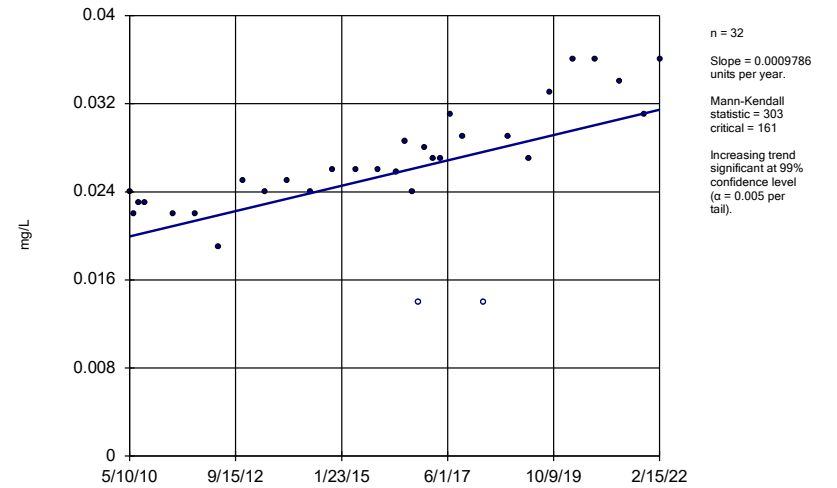
Constituent: Barium, Total Analysis Run 4/8/2022 10:05 AM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator GWA-17 (bg)



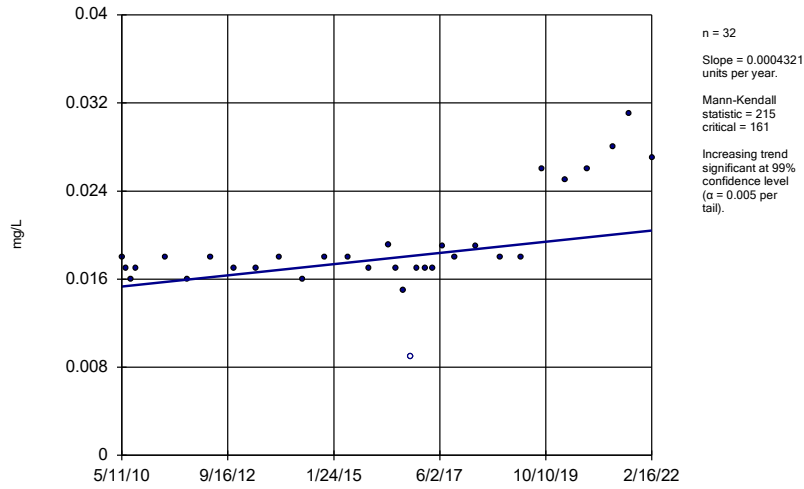
Constituent: Barium, Total Analysis Run 4/8/2022 10:05 AM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator GWC-10



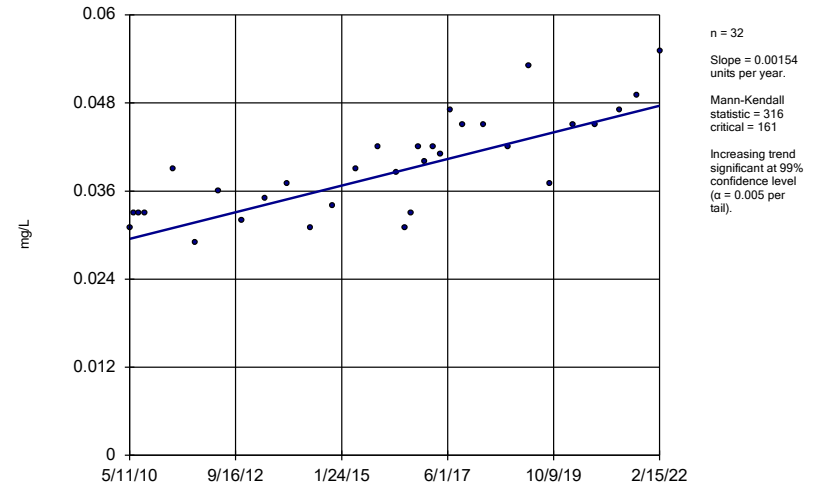
Constituent: Barium, Total Analysis Run 4/8/2022 10:05 AM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator GWC-19



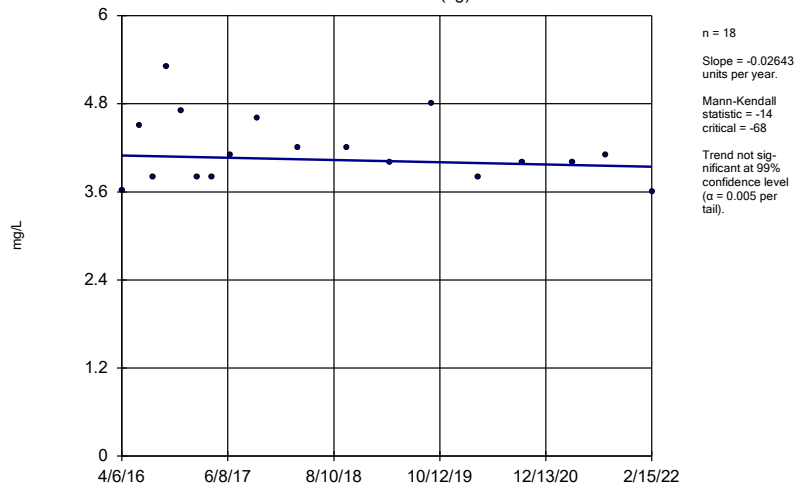
Constituent: Barium, Total Analysis Run 4/8/2022 10:05 AM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator GWC-4



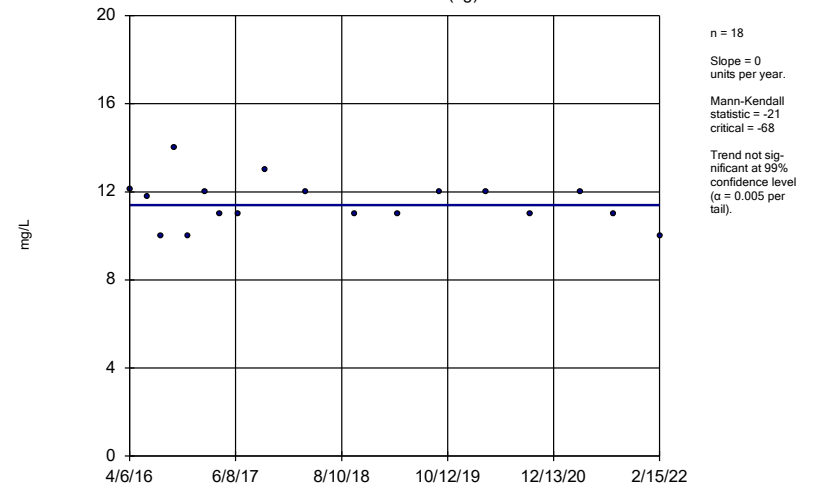
Constituent: Barium, Total Analysis Run 4/8/2022 10:05 AM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator GWA-15 (bg)



Constituent: Calcium Analysis Run 4/8/2022 10:05 AM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

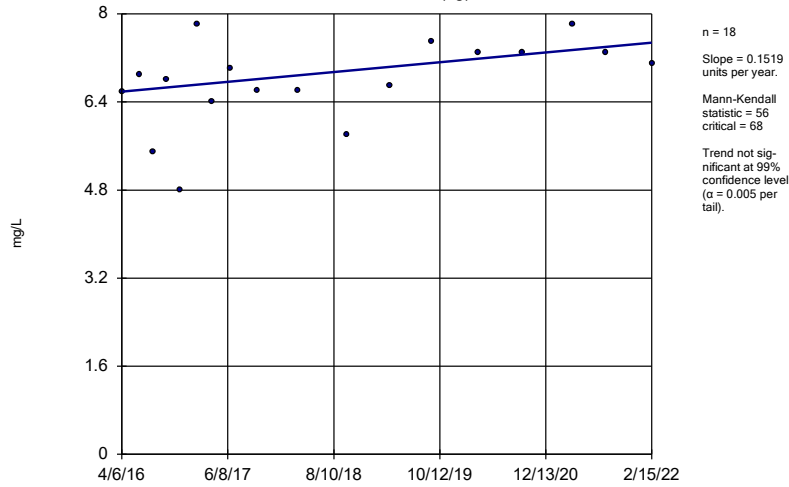
Sen's Slope Estimator GWA-16 (bg)



Constituent: Calcium Analysis Run 4/8/2022 10:05 AM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator

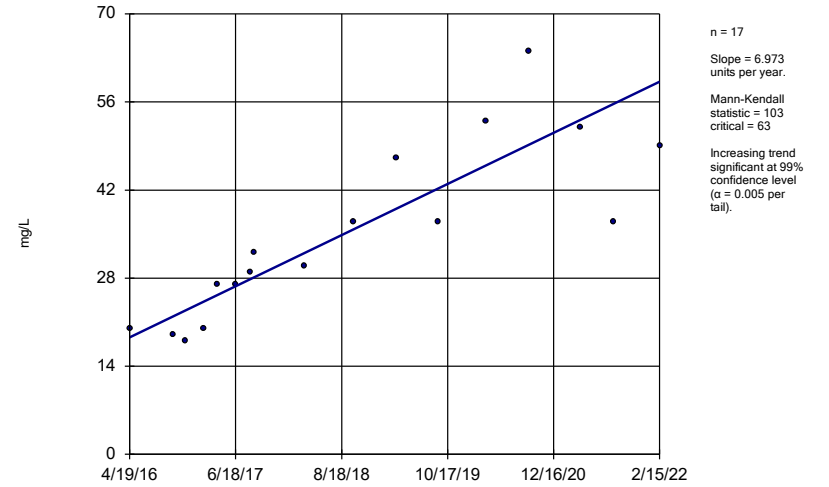
GWA-17 (bg)



Constituent: Calcium Analysis Run 4/8/2022 10:05 AM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator

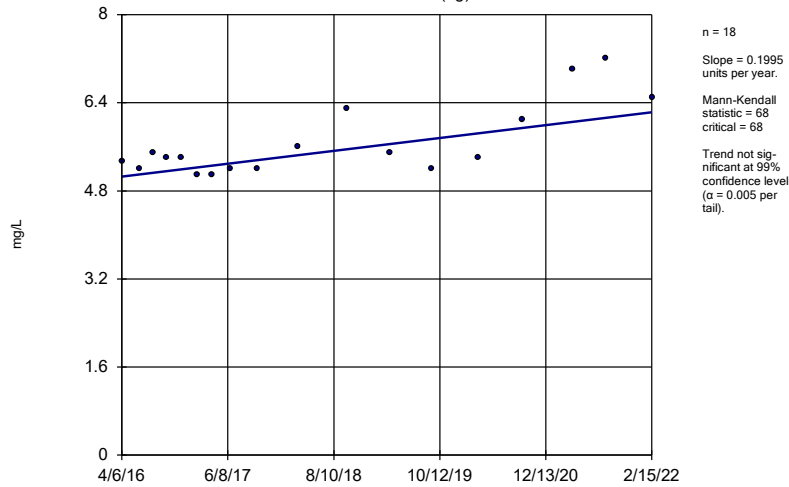
GWC-8A



Constituent: Calcium Analysis Run 4/8/2022 10:05 AM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator

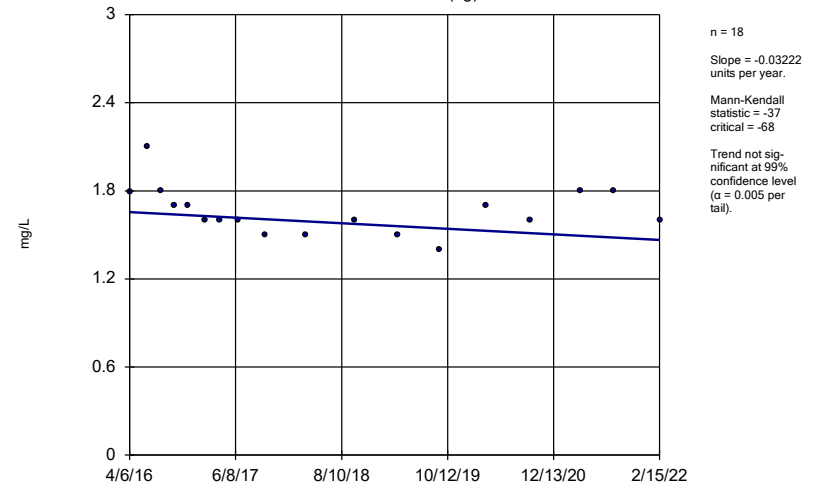
GWA-15 (bg)



Constituent: Chloride Analysis Run 4/8/2022 10:05 AM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator

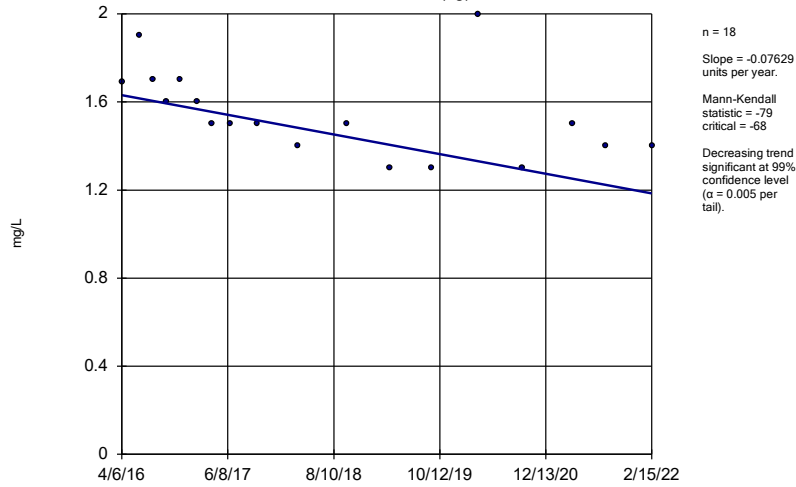
GWA-16 (bg)



Constituent: Chloride Analysis Run 4/8/2022 10:05 AM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator

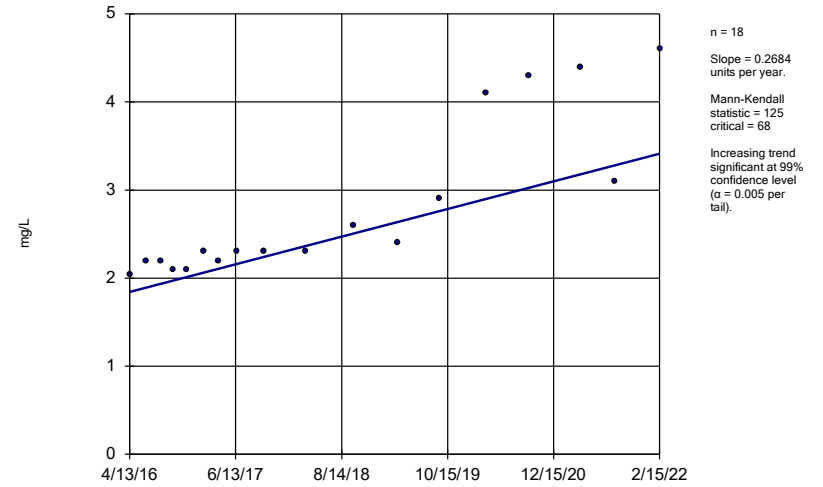
GWA-17 (bg)



Constituent: Chloride Analysis Run 4/8/2022 10:05 AM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator

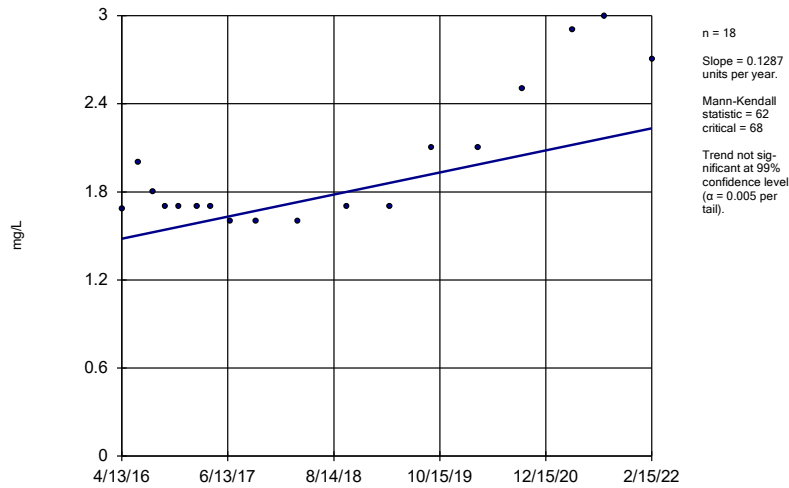
GWC-10



Constituent: Chloride Analysis Run 4/8/2022 10:05 AM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator

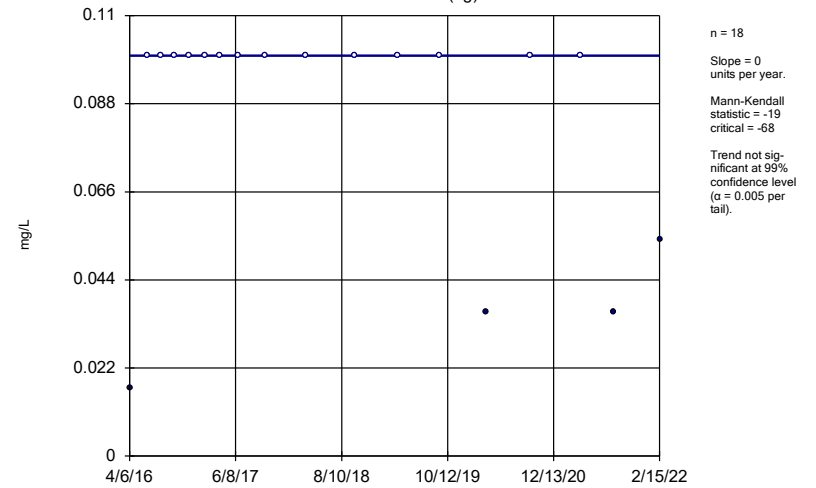
GWC-7



Constituent: Chloride Analysis Run 4/8/2022 10:05 AM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

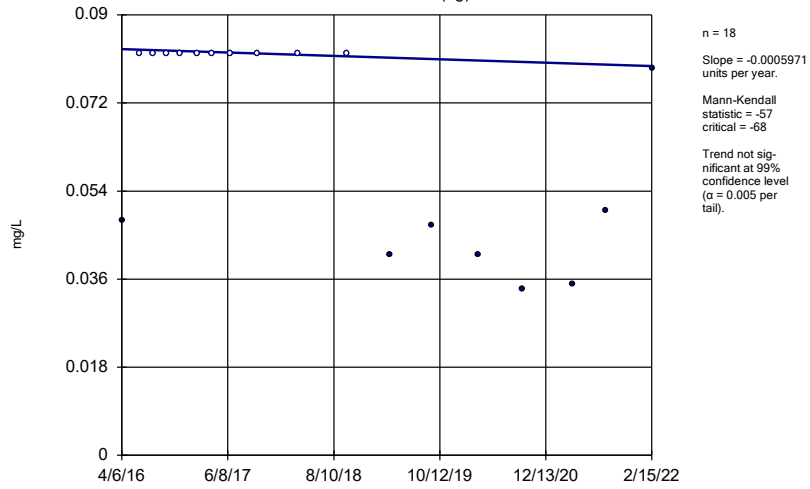
Sen's Slope Estimator

GWA-15 (bg)



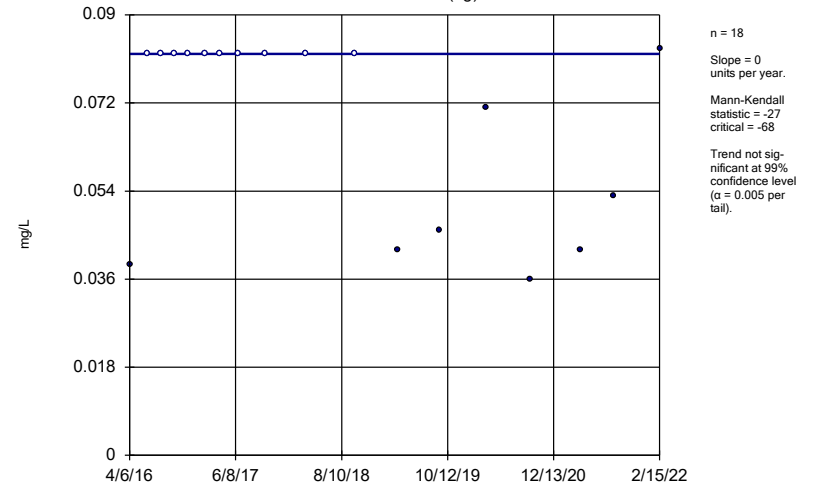
Constituent: Fluoride Analysis Run 4/8/2022 10:05 AM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator
 GWA-16 (bg)



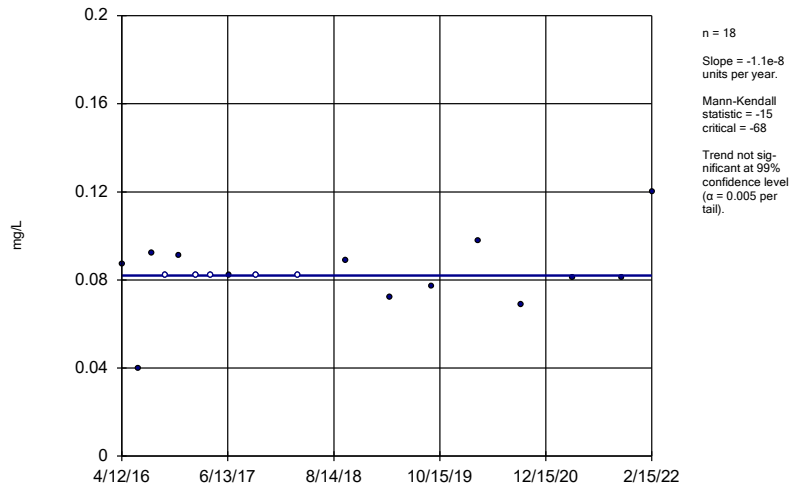
Constituent: Fluoride Analysis Run 4/8/2022 10:05 AM View: Trend Tests
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator
 GWA-17 (bg)



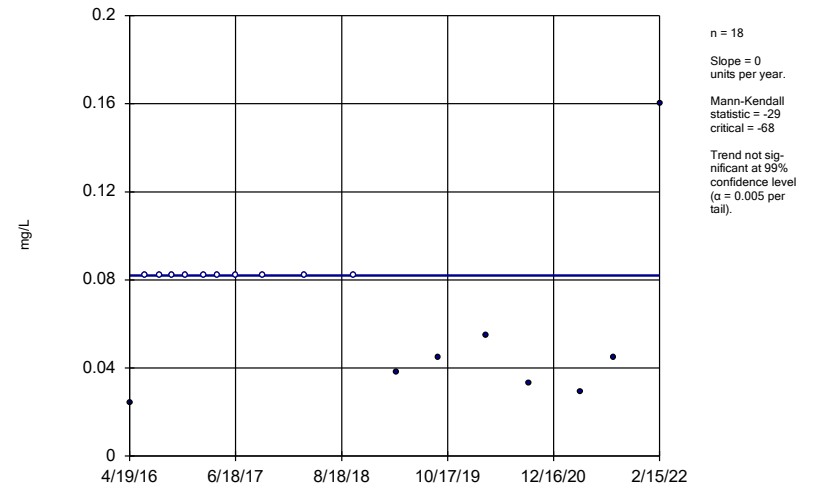
Constituent: Fluoride Analysis Run 4/8/2022 10:05 AM View: Trend Tests
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator
 GWC-1



Constituent: Fluoride Analysis Run 4/8/2022 10:05 AM View: Trend Tests
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

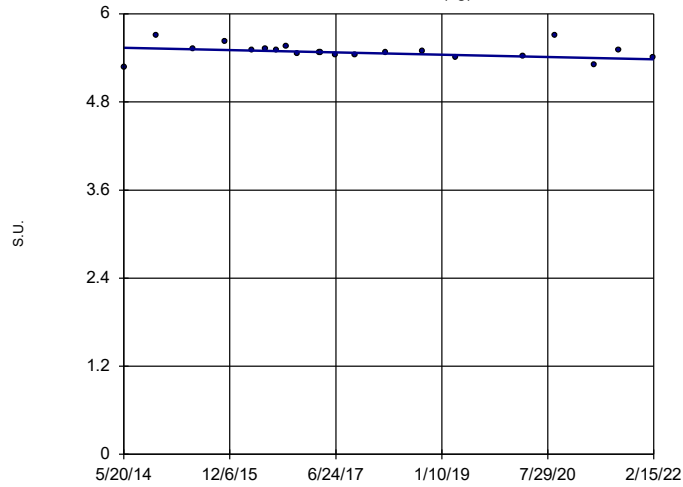
Sen's Slope Estimator
 GWC-5



Constituent: Fluoride Analysis Run 4/8/2022 10:05 AM View: Trend Tests
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator

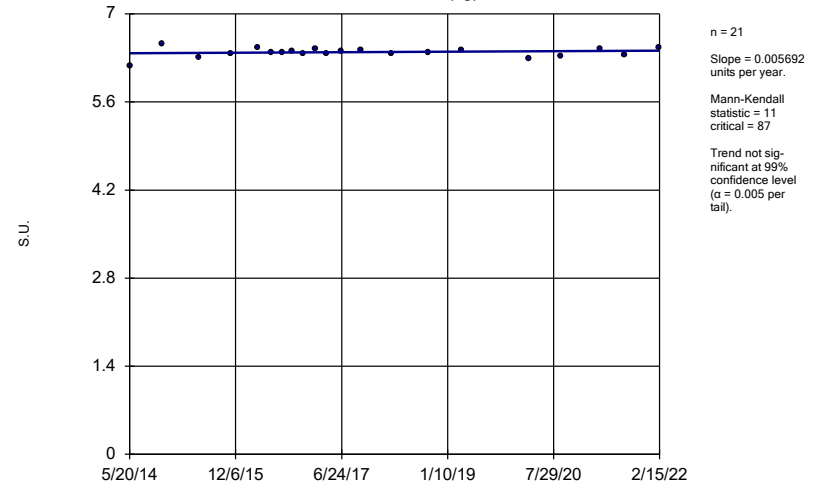
GWA-15 (bg)



Constituent: pH Analysis Run 4/8/2022 10:05 AM View: Trend Tests
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator

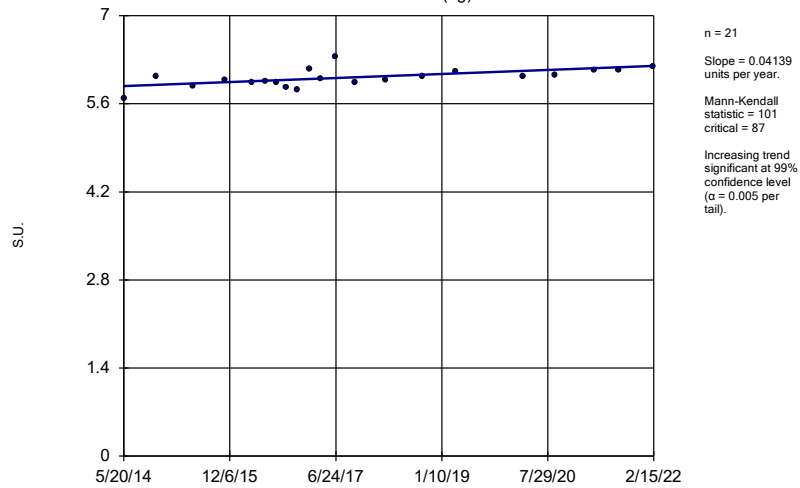
GWA-16 (bg)



Constituent: pH Analysis Run 4/8/2022 10:05 AM View: Trend Tests
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator

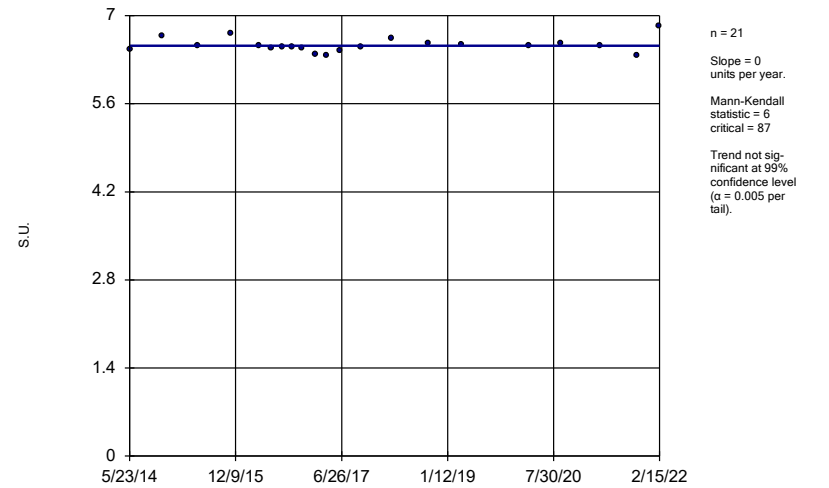
GWA-17 (bg)



Constituent: pH Analysis Run 4/8/2022 10:05 AM View: Trend Tests
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

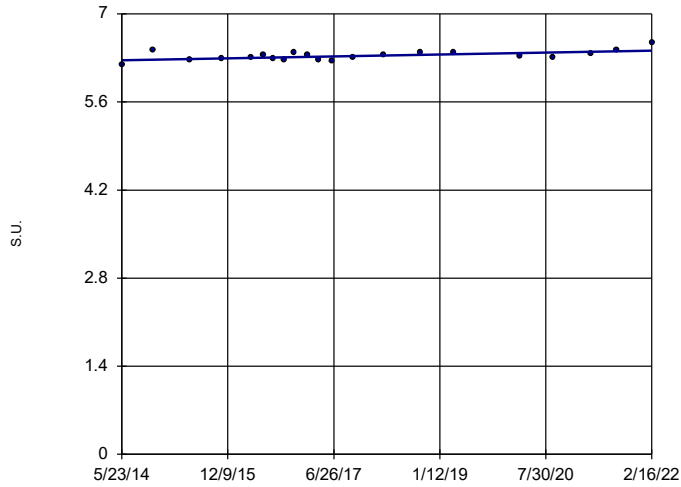
Sen's Slope Estimator

GWC-1



Constituent: pH Analysis Run 4/8/2022 10:05 AM View: Trend Tests
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

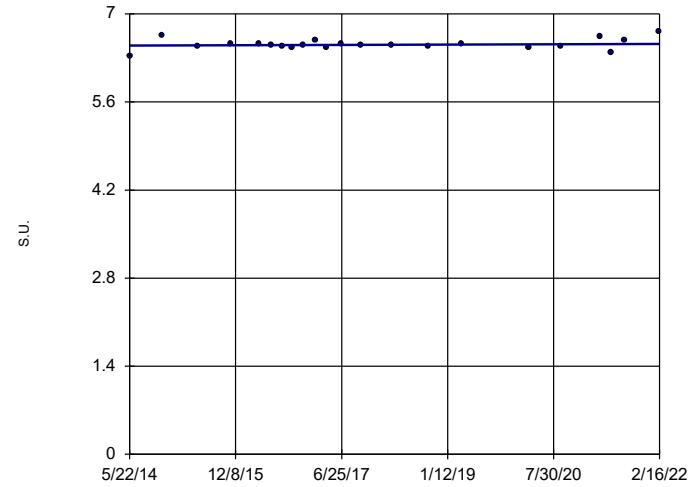
Sen's Slope Estimator GWC-18



n = 21
Slope = 0.01907
units per year.
Mann-Kendall
statistic = 76
critical = 87
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: pH Analysis Run 4/8/2022 10:05 AM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

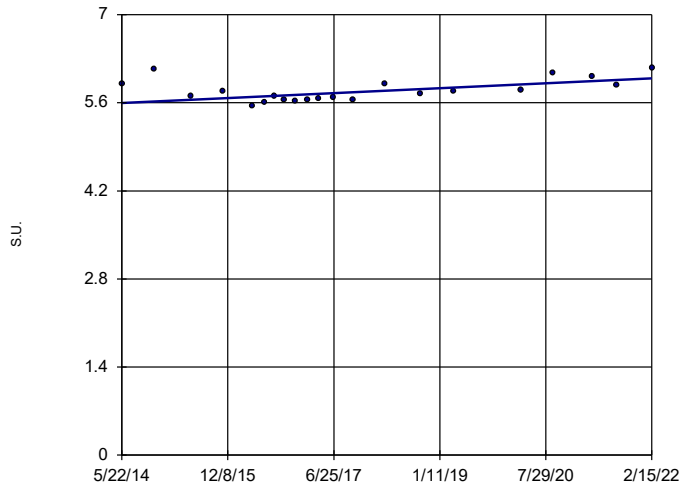
Sen's Slope Estimator GWC-20



n = 22
Slope = 0.003603
units per year.
Mann-Kendall
statistic = 14
critical = 92
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: pH Analysis Run 4/8/2022 10:05 AM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

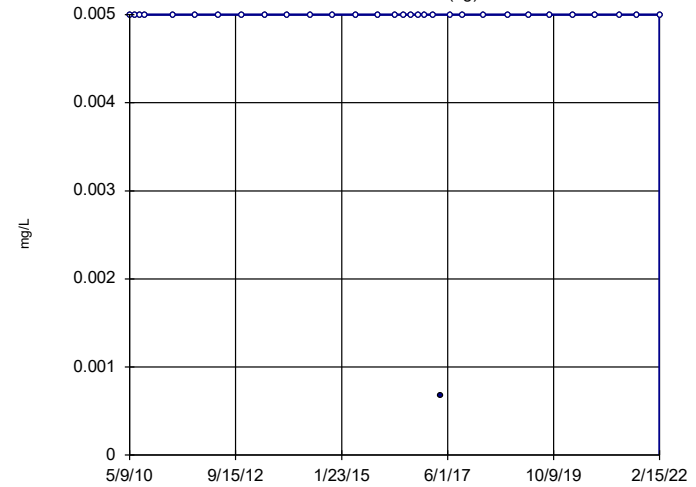
Sen's Slope Estimator GWC-5



n = 21
Slope = 0.05051
units per year.
Mann-Kendall
statistic = 71
critical = 87
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: pH Analysis Run 4/8/2022 10:05 AM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator GWA-15 (bg)

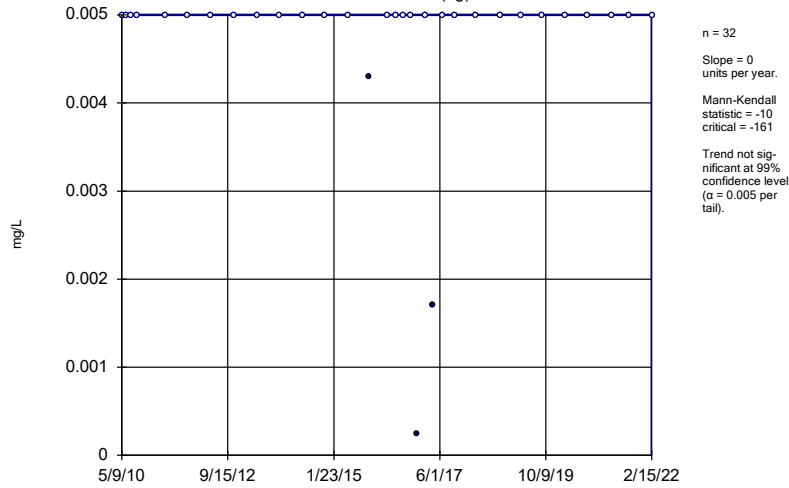


n = 32
Slope = 0
units per year.
Mann-Kendall
statistic = -9
critical = -161
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Selenium, Total Analysis Run 4/8/2022 10:05 AM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator

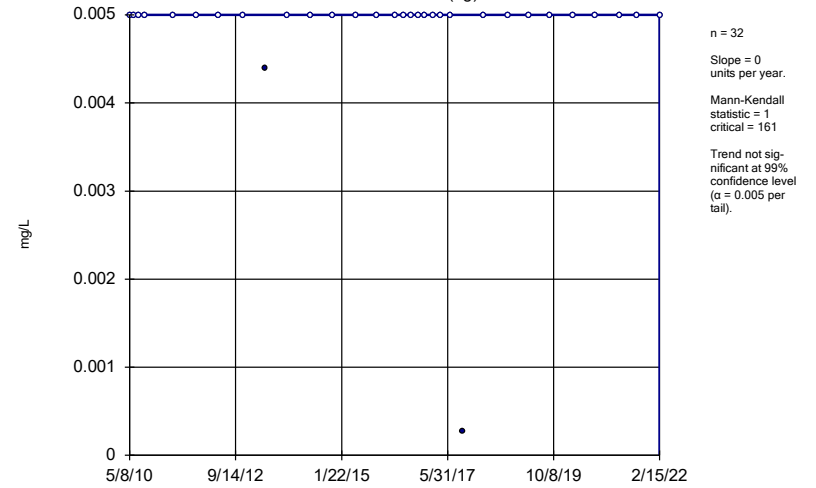
GWA-16 (bg)



Constituent: Selenium, Total Analysis Run 4/8/2022 10:05 AM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator

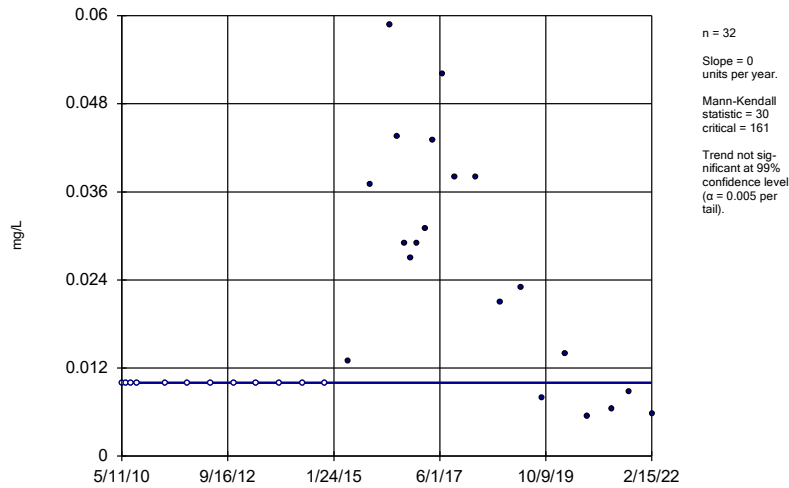
GWA-17 (bg)



Constituent: Selenium, Total Analysis Run 4/8/2022 10:05 AM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator

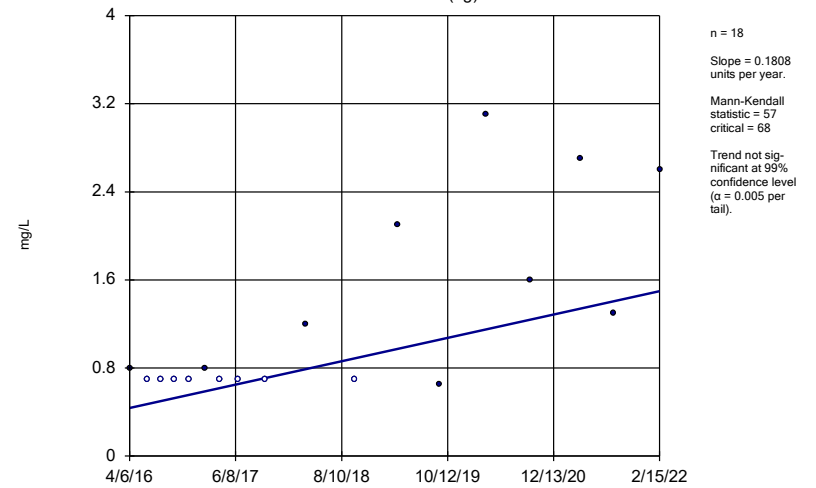
GWC-5



Constituent: Selenium, Total Analysis Run 4/8/2022 10:05 AM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator

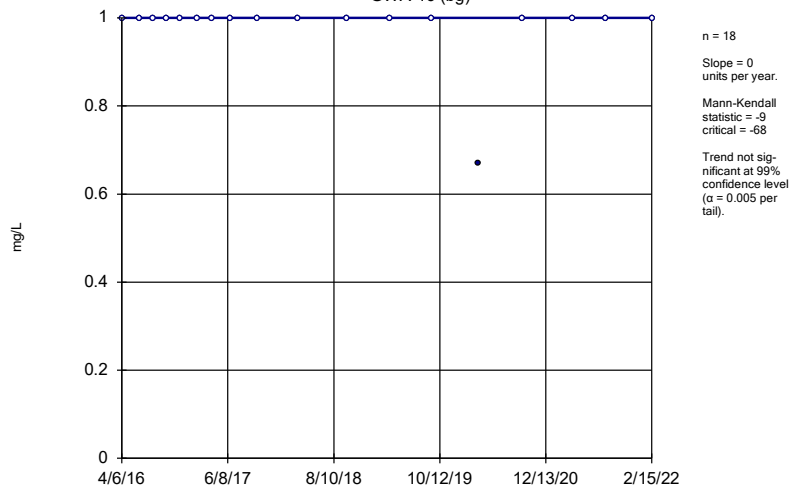
GWA-15 (bg)



Constituent: Sulfate Analysis Run 4/8/2022 10:05 AM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator

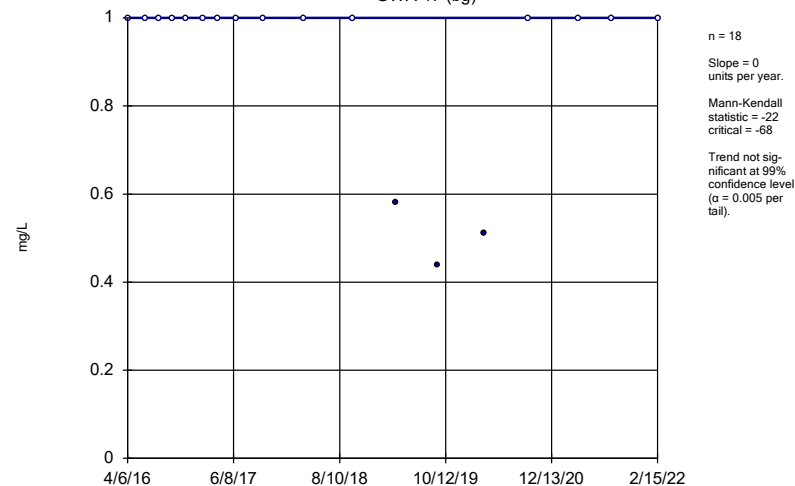
GWA-16 (bg)



Constituent: Sulfate Analysis Run 4/8/2022 10:05 AM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator

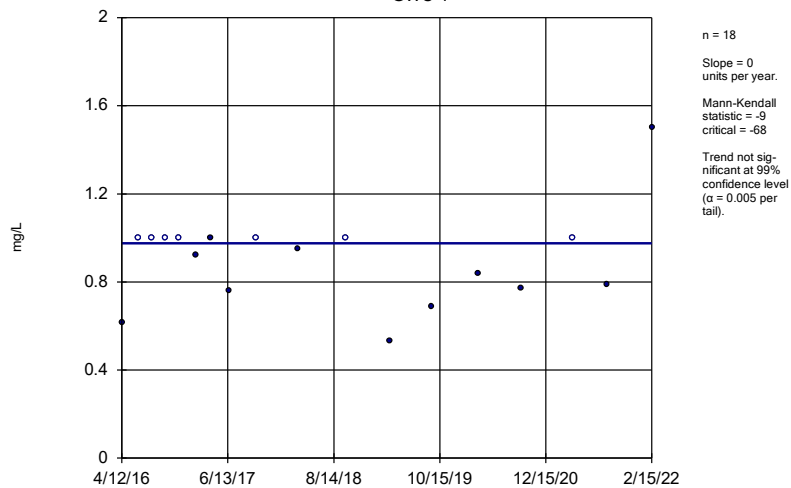
GWA-17 (bg)



Constituent: Sulfate Analysis Run 4/8/2022 10:05 AM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator

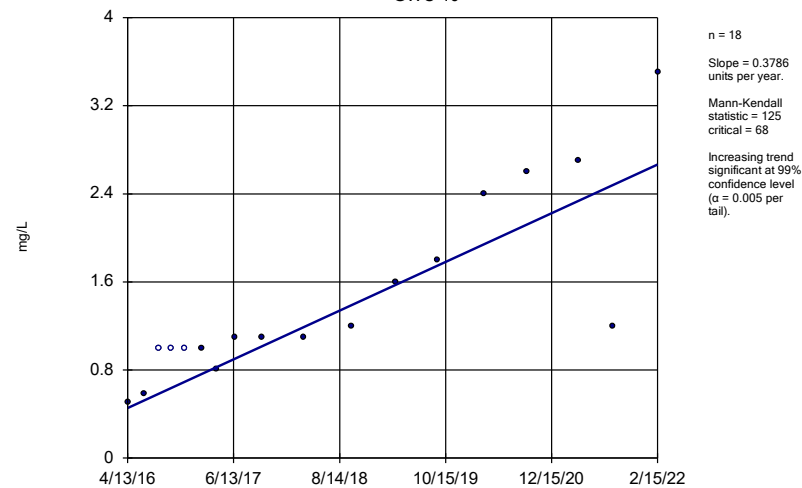
GWC-1



Constituent: Sulfate Analysis Run 4/8/2022 10:05 AM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator

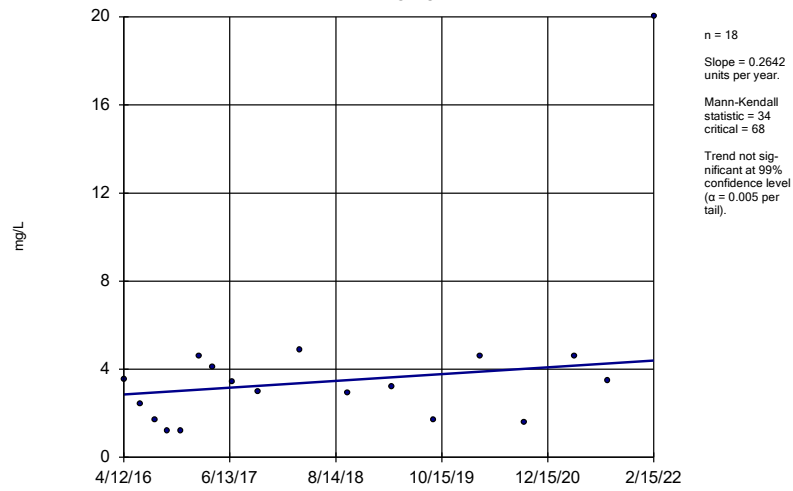
GWC-10



Constituent: Sulfate Analysis Run 4/8/2022 10:05 AM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Sen's Slope Estimator

GWC-4



Constituent: Sulfate Analysis Run 4/8/2022 10:05 AM View: Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

FIGURE J.

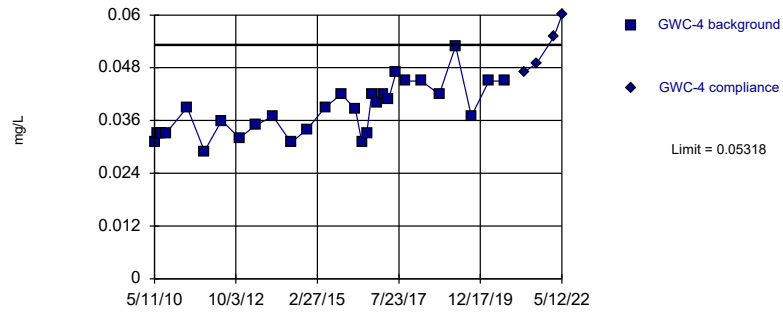
Appendix I Intrawell Prediction Limits - Resample Results (All Significant)

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 6/27/2022, 11:15 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Barium, Total (mg/L)	GWC-4	0.05318	n/a	5/12/2022	0.06	Yes	29	0.0383	0.005897	0	None	No	0.0001937	Param Intra 1 of 2

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, Total Analysis Run 6/27/2022 11:15 AM View: Appendix I - Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 6/27/2022 11:15 AM View: Appendix I - Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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 (V)	
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
5/12/2022		0.06 (R)

FIGURE K.

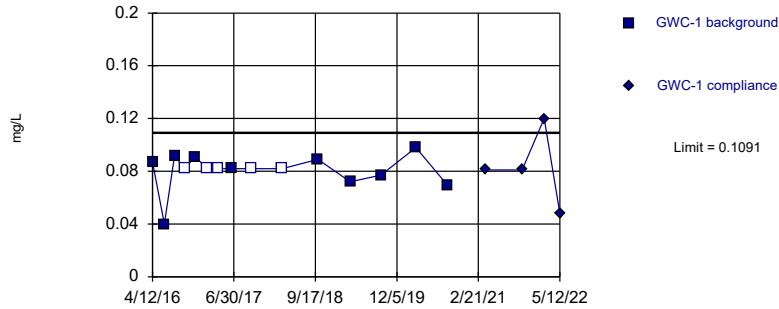
Appendix III Intrawell Prediction Limits - Resample Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 7/6/2022, 8:23 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Fluoride (mg/L)	GWC-1	0.1091	n/a	5/12/2022	0.048J	No	15	0.006016	0.00223	33.33	Kaplan-Meier	x^2	0.0004426	Param Intra 1 of 2
Fluoride (mg/L)	GWC-5	0.082	n/a	5/12/2022	0.03J	No	15	n/a	n/a	66.67	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
pH (S.U.)	GWC-1	6.745	6.3	5/12/2022	6.55	No	18	6.522	0.08869	0	None	No	0.0002213	Param Intra 1 of 2
pH (S.U.)	GWC-10	6.659	6.027	5/12/2022	6.31	No	18	6.343	0.1259	0	None	No	0.0002213	Param Intra 1 of 2
pH (S.U.)	GWC-18	6.46	6.164	5/12/2022	6.39	No	18	6.312	0.05897	0	None	No	0.0002213	Param Intra 1 of 2
pH (S.U.)	GWC-20	6.664	6.342	5/12/2022	6.52	No	18	6.503	0.06408	0	None	No	0.0002213	Param Intra 1 of 2
pH (S.U.)	GWC-4	6.591	5.971	5/12/2022	6.19	No	18	39.54	1.551	0	None	x^2	0.0002213	Param Intra 1 of 2
pH (S.U.)	GWC-5	6.158	5.348	5/12/2022	5.99	No	18	5.753	0.1613	0	None	No	0.0002213	Param Intra 1 of 2
Sulfate (mg/L)	GWC-10	1.475	n/a	5/12/2022	2.7	Yes	11	0.7701	0.2398	27.27	Kaplan-Meier	No	0.0004426	Param Intra 1 of 2
Sulfate (mg/L)	GWC-4	6.288	n/a	5/12/2022	33	Yes	15	2.937	1.27	0	None	No	0.0004426	Param Intra 1 of 2

Within Limit

Prediction Limit
Intrawell Parametric

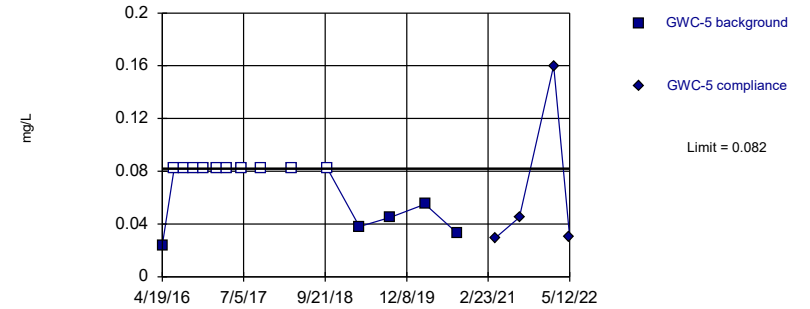


Background Data Summary (based on square transformation) (after Kaplan-Meier Adjustment): Mean=0.006016, Std. Dev.=0.00223, n=15, 33.33% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8926, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Fluoride Analysis Run 7/6/2022 8:21 AM View: Appendix III - Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

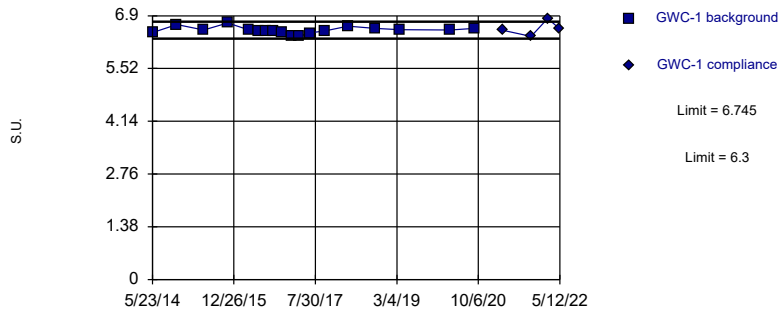


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 66.67% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Fluoride Analysis Run 7/6/2022 8:21 AM View: Appendix III - Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limits

Prediction Limit
Intrawell Parametric

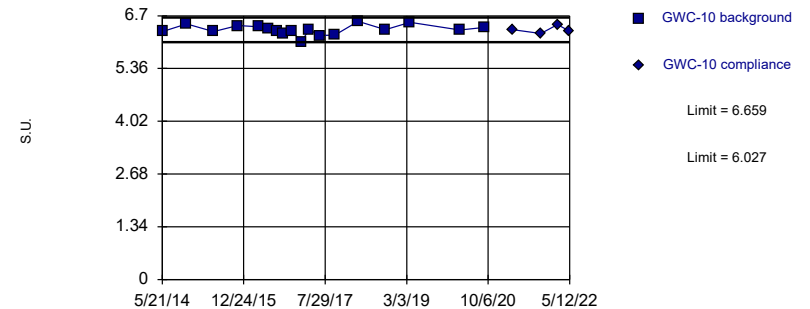


Background Data Summary: Mean=6.522, Std. Dev.=0.08869, n=18. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9604, critical = 0.858. Kappa = 2.511 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: pH Analysis Run 7/6/2022 8:22 AM View: Appendix III - Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limits

Prediction Limit
Intrawell Parametric

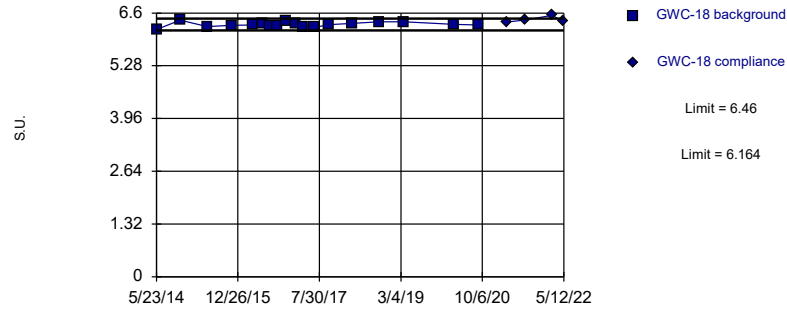


Background Data Summary: Mean=6.343, Std. Dev.=0.1259, n=18. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9699, critical = 0.858. Kappa = 2.511 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: pH Analysis Run 7/6/2022 8:22 AM View: Appendix III - Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limits

Prediction Limit
Intrawell Parametric

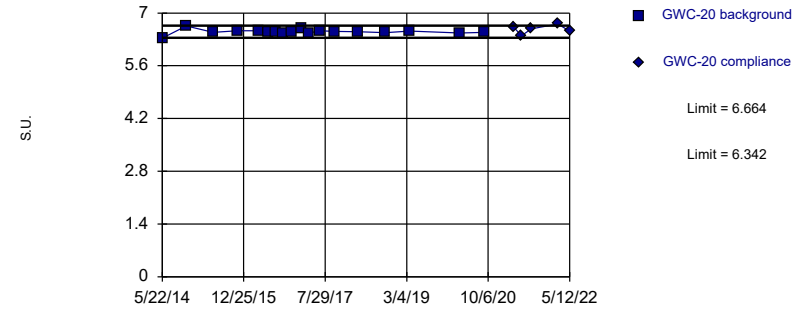


Background Data Summary: Mean=6.312, Std. Dev.=0.05897, n=18. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9854, critical = 0.858. Kappa = 2.511 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: pH Analysis Run 7/6/2022 8:22 AM View: Appendix III - Resample
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limits

Prediction Limit
Intrawell Parametric

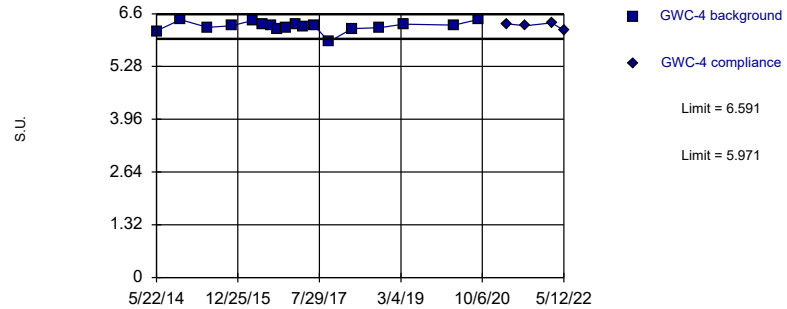


Background Data Summary: Mean=6.503, Std. Dev.=0.06408, n=18. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8614, critical = 0.858. Kappa = 2.511 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: pH Analysis Run 7/6/2022 8:22 AM View: Appendix III - Resample
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limits

Prediction Limit
Intrawell Parametric

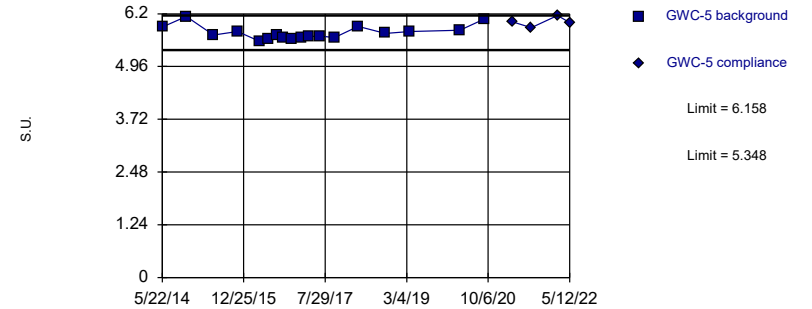


Background Data Summary (based on square transformation): Mean=39.54, Std. Dev.=1.551, n=18. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8631, critical = 0.858. Kappa = 2.511 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: pH Analysis Run 7/6/2022 8:22 AM View: Appendix III - Resample
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Within Limits

Prediction Limit
Intrawell Parametric

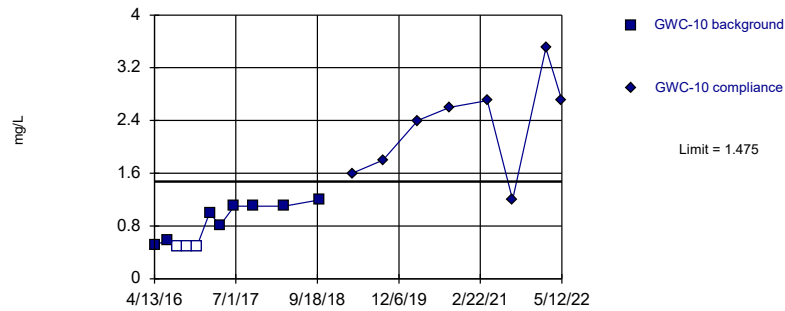


Background Data Summary: Mean=5.753, Std. Dev.=0.1613, n=18. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8787, critical = 0.858. Kappa = 2.511 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: pH Analysis Run 7/6/2022 8:22 AM View: Appendix III - Resample
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Exceeds Limit

Prediction Limit
 Intrawell Parametric

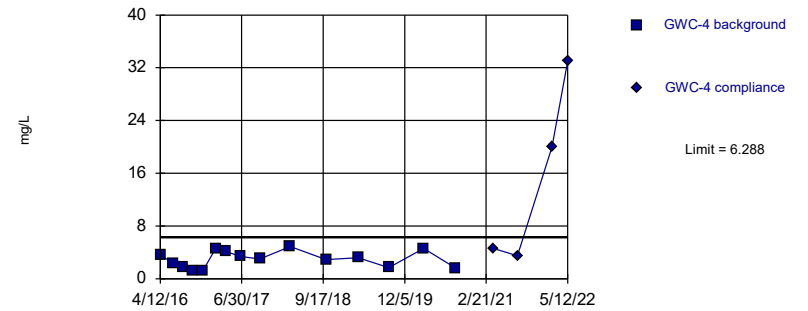


Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.7701, Std. Dev.=0.2398, n=11, 27.27% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8096, critical = 0.792. Kappa = 2.941 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Sulfate Analysis Run 7/6/2022 8:22 AM View: Appendix III - Resample
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Exceeds Limit

Prediction Limit
 Intrawell Parametric



Background Data Summary: Mean=2.937, Std. Dev.=1.27, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9294, critical = 0.835. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Sulfate Analysis Run 7/6/2022 8:22 AM View: Appendix III - Resample
 Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 7/6/2022 8:23 AM View: Appendix III - Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-1	GWC-1
4/12/2016	0.087 (J)	
6/16/2016	0.04 (J)	
8/11/2016	0.092 (J)	
10/4/2016	<0.082	
11/30/2016	0.091 (J)	
2/7/2017	<0.082	
4/5/2017	<0.082	
6/20/2017	0.082 (J)	
10/4/2017	<0.082	
3/20/2018	<0.082	
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)
10/18/2021		0.081 (J)
2/15/2022		0.12
5/12/2022		0.048 (J,R)

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 7/6/2022 8:23 AM View: Appendix III - Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-5
4/19/2016	0.024 (J)	
6/22/2016	<0.082	
8/16/2016	<0.082	
10/6/2016	<0.082	
12/1/2016	<0.082	
2/9/2017	<0.082	
4/6/2017	<0.082	
6/21/2017	<0.082	
10/5/2017	<0.082	
3/22/2018	<0.082	
10/3/2018	<0.082	
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,R)

Prediction Limit

Constituent: pH (S.U.) Analysis Run 7/6/2022 8:23 AM View: Appendix III - Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-1	GWC-1
5/23/2014	6.46	
11/13/2014	6.67	
5/23/2015	6.53	
11/11/2015	6.71	
4/12/2016	6.53 (D)	
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	
3/18/2020	6.53	
9/9/2020	6.57	
4/1/2021		6.52
10/18/2021		6.36
2/15/2022		6.83
5/12/2022		6.55 (R)

Prediction Limit

Constituent: pH (S.U.) Analysis Run 7/6/2022 8:23 AM View: Appendix III - Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-10	GWC-10
5/21/2014	6.3	
11/12/2014	6.49	
5/23/2015	6.3	
11/12/2015	6.45	
4/13/2016	6.42 (D)	
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	
3/18/2020	6.34	
9/9/2020	6.4	
4/1/2021		6.35
10/18/2021		6.25
2/15/2022		6.48
5/12/2022		6.31 (R)

Prediction Limit

Constituent: pH (S.U.) Analysis Run 7/6/2022 8:23 AM View: Appendix III - Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-18	GWC-18
5/23/2014	6.19	
11/8/2014	6.42	
5/22/2015	6.26	
11/10/2015	6.29	
4/11/2016	6.3 (D)	
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	
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 (R)

Prediction Limit

Constituent: pH (S.U.) Analysis Run 7/6/2022 8:23 AM View: Appendix III - Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-20	GWC-20
5/22/2014	6.33	
11/9/2014	6.66	
5/22/2015	6.49	
11/10/2015	6.53	
4/12/2016	6.53 (D)	
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	
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 (R)

Prediction Limit

Constituent: pH (S.U.) Analysis Run 7/6/2022 8:23 AM View: Appendix III - Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-4	GWC-4
5/22/2014	6.17	
11/9/2014	6.45	
5/22/2015	6.26	
11/11/2015	6.3	
4/12/2016	6.44 (D)	
6/20/2016	6.33	
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	
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 (R)

Prediction Limit

Constituent: pH (S.U.) Analysis Run 7/6/2022 8:23 AM View: Appendix III - Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-5	GWC-5
5/22/2014	5.89	
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	
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 (R)

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 7/6/2022 8:23 AM View: Appendix III - Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWC-10	GWC-10
4/13/2016	0.51 (JD)	
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 (R)

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 7/6/2022 8:23 AM View: Appendix III - Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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 (R)

FIGURE L.

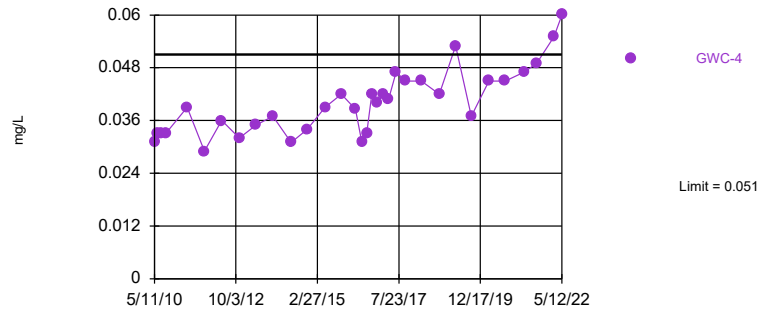
Appendix I Interwell Prediction Limits - Resample Results (All Significant)

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 6/27/2022, 11:19 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Barium, Total (mg/L)	GWC-4	0.051	n/a	5/12/2022	0.06	Yes	96	n/a	n/a	2.083	n/a	n/a	0.0002086	NP Inter (normality) 1 of 2

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 96 background values. 2.083% NDs. Annual per-constituent alpha = 0.007067. Individual comparison alpha = 0.0002086 (1 of 2). Assumes 16 future values.

Constituent: Barium, Total Analysis Run 6/27/2022 11:18 AM View: Appendix I - Resample Interwell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 6/27/2022 11:19 AM View: Appendix I - Resample Interwell

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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 (V)	0.028 (V)	0.012 (V)	
11/10/2012				0.032 (V)
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	<0.029	
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, Total (mg/L) Analysis Run 6/27/2022 11:19 AM View: Appendix I - Resample Interwell
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	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
5/12/2022				0.06 (R)

FIGURE M.

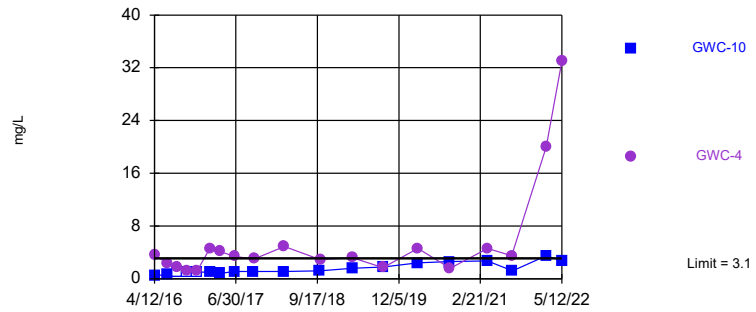
Appendix III Interwell Prediction Limits - Resample Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR Printed 6/27/2022, 11:39 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-10	3.1	n/a	5/12/2022	2.7	No	54	n/a	n/a	74.07	n/a	n/a	0.0006323	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	GWC-4	3.1	n/a	5/12/2022	33	Yes	54	n/a	n/a	74.07	n/a	n/a	0.0006323	NP Inter (NDs) 1 of 2

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 54 background values. 74.07% NDs. Annual per-constituent alpha = 0.02128. Individual comparison alpha = 0.0006323 (1 of 2). Comparing 2 points to limit. Assumes 15 future values.

Constituent: Sulfate Analysis Run 6/27/2022 11:38 AM View: Appendix III - Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

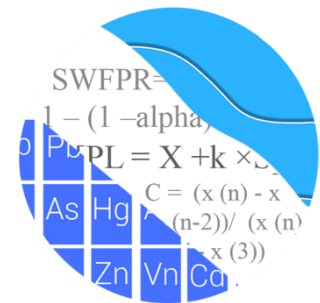
Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 6/27/2022 11:39 AM View: Appendix III - Resample

Plant Scherer Client: Southern Company Data: Scherer Cell 1-CCR

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-4	GWC-10
4/6/2016	0.799 (J)	<1	<1		
4/12/2016				3.56	
4/13/2016					0.51 (JD)
6/15/2016	<1	<1	<1		
6/20/2016				2.4	
6/21/2016					0.58 (J)
8/10/2016	<1	<1	<1		
8/15/2016					<1
8/16/2016				1.7	
10/4/2016	<1	<1			
10/5/2016			<1		<1
10/6/2016				1.2	
11/29/2016		<1	<1		
11/30/2016	<1			1.2	
12/1/2016					<1
2/7/2017	0.8 (J)	<1	<1		
2/8/2017				4.6	1
4/4/2017	<1	<1	<1		
4/6/2017				4.1	0.81 (J)
6/20/2017	<1	<1	<1		
6/21/2017					1.1
6/22/2017				3.4	
10/4/2017	<1				
10/5/2017		<1	<1		1.1
10/6/2017				3	
3/20/2018	1.2	<1	<1		
3/21/2018				4.9	1.1
10/2/2018	<1	<1	<1		1.2
10/3/2018				2.9	
3/26/2019	2.1	<1	0.58 (J)	3.2	
3/27/2019					1.6
9/10/2019	0.65 (J)	<1	0.44 (J)	1.7	
9/11/2019					1.8
3/18/2020	3.1	0.67 (J)	0.51 (J)		2.4
3/19/2020				4.6	
9/9/2020	1.6	<1	<1		2.6
9/10/2020				1.6	
4/1/2021	2.7	<1	<1		2.7
4/2/2021				4.6	
8/11/2021	1.3	<1	<1		
8/12/2021				3.5	
8/17/2021					1.2
2/15/2022	2.6	<1	<1	20	3.5
5/12/2022				33 (R)	2.7 (R)

GROUNDWATER STATS CONSULTING



August 31, 2022

Southern Company Services
Attn: Mr. Joju Abraham
241 Ralph McGill Blvd NE, Bin 10160
Atlanta, Georgia 30308-3374

Re: Plant Scherer PAC Landfill
Statistical Analysis – February 2022

Dear Mr. Abraham,

Groundwater Stats Consulting, formerly the statistical consulting division of Sanitas Technologies, is pleased to provide the statistical analysis of groundwater data for the February 2022 1st Semi-Annual 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 Kristina Rayner, Founder and Senior Statistician to 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.

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 background 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. However, in the time series plots, a single reporting limit substitution is used across all wells for a given parameter since the wells are plotted as a group.

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 in June 2021 and demonstrated 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 are based on the following:

Georgia EPD Appendix I Constituents:

- Semi-Annual Sampling
- Intrawell Prediction Limits with 1-of-2 resample plan (arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, nickel, selenium, thallium, vanadium, and zinc)
- # Constituents: 14 (antimony and silver and were 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. Historically, reported observations for antimony and silver at all wells have been below the reporting limits; therefore, these constituents are not included in the statistical analyses. A summary of all other 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 in background, 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. 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 re-evaluated when a minimum of 4 new data points are 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 in downgradient wells. Intrawell methods use background data for individual wells and may be overly sensitive to natural 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 natural 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 (SSI)s that result from natural 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 natural 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 natural 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 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 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 would indicate that the change is naturally occurring rather than a result of practices at the facility. Lastly, 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 at least one upgradient well. Therefore, no adjustment was made to this record. Since the August 2019 screening, the trend in cobalt at well GWC-53 has been decreasing.

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 naturally 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 Update – Georgia EPD Appendix I and CCR Appendix III – June 2021

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 (Figure C). 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 resulting high value for lead in well GWC-52 in order to maintain conservative (i.e., lower) statistical limits. 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 through October 2018 to the new compliance samples at each well through September 2020. 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. 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 2022

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 natural 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 September 2020 within each well for constituents with detections (Figure D). The February 2022 compliance samples were compared to these intrawell background limits. As previously discussed, no statistical analyses were included for antimony and silver since they contain 100% non-detects in downgradient wells, or for other individual well/constituent pairs with 100% non-detects. Note that due to a reporting limit change for nickel in upgradient wells GWA-21 and GWA-45 from 0.0018 mg/L to 0.001 mg/L; the prediction limit for each well decreased accordingly.

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: GWA-22, GWA-45, GWA-46, (all upgradient), GWC-29, GWC-50, and GWC-52
- Chromium: GWA-22 (upgradient) and GWC-52
- Nickel: GWA-22 (upgradient) and GWC-50
- Vanadium: GWA-21 and GWA-22 (both upgradient)

Two-Step Analysis

Following the two-step analysis procedure, interwell prediction limits were then constructed using pooled upgradient well data through February 2022 to evaluate the initial intrawell prediction limit exceedances listed above in downgradient wells (Figure E). Due to an increasing trend in the most recent data for barium at upgradient well GWA-45, observations between September 2019 and April 2021 in this well were not included in the interwell limit. The observations were flagged with an "L" flag and are included in the Outlier Summary which shows data that have been deselected (Figure C). The cause of this trend is pending and requires further analysis beyond the scope of this analysis. If research shows these higher concentrations reflect natural variation, the earlier portion of the record may require deselection so that resulting limits are reflective of present-day water quality conditions. The reported measurements of barium, chromium,

and nickel at downgradient wells were within their respective interwell prediction limits. Therefore, no SSIs are identified for the Appendix I constituents, and no further action is necessary.

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 to determine whether concentrations are significantly increasing, decreasing, or stable (Figure F). Upgradient wells are included in the trend analyses to identify whether similar patterns exist upgradient of the site. Upgradient trends are an indication of natural 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 (upgradient), GWA-46 (upgradient), GWC-29, and GWC-52
- Chromium: GWA-22 (upgradient) and GWC-52
- Vanadium: GWA-48 (upgradient)

Decreasing:

- Chromium: GWA-21 (upgradient)
- Nickel: GWA-48 (upgradient)

Note that while concentrations for chromium at well GWC-52 have been steadily increasing since October 2017, the measurements remain within historical concentrations observed at upgradient well GWA-47.

Statistical Analysis of Appendix III Parameters – February 2022

Intrawell prediction limits for all Appendix III parameters, combined with a 1-of-2 resample plan, were constructed using all historical data through September 2020. The February 2022 compliance data were compared to those limits.

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 follow this

letter, along with complete graphical results (Figure G). The following prediction limit exceedances were noted for Appendix III parameters:

- Chloride: GWA-46 (upgradient) and GWC-51
- pH (upper limit): GWA-21, GWA-22, GWA-47, GWA-49 (all upgradient), GWC-29, GWC-51, and GWC-52
- Sulfate: GWC-52

Note that when the upper limit is rounded to the same number of significant figures as the observation for chloride at GWA-46 and GWC-51 and for pH at GWA-47, GWA-49, and GWC-52, the limit and observation are equal.

Two-Step Analysis

Following the two-step analysis procedure as mentioned above, interwell prediction limits were then constructed using pooled upgradient well data through February 2022 to evaluate the apparent initial intrawell prediction limit exceedances listed above at downgradient wells (Figure H). All compliance data at downgradient wells were within their respective interwell prediction limits. Therefore, no statistically significant increases are identified, and no further action is necessary. It was noted that upgradient well GWA-45, which is included in the interwell background and represents naturally occurring 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 along with upgradient wells for the same constituents (Figure I). 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 natural variability in groundwater unrelated to practices at the site. A summary of the trend test results follows this letter. The following statistically significant increasing trends were identified:

Increasing:

- Chloride: GWA-21, GWA-46 (both upgradient) and GWC-51
- pH: GWC-29

- Sulfate: GWA-45 (upgradient) and GWC-52

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,



Andrew T. Collins
Project Manager



Kristina L. Rayner
Senior Statistician

100% Non-Detects: Appendix I

Analysis Run 4/7/2022 9:55 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Arsenic, Total (mg/L)

GWA-21, GWA-22, GWA-46, GWA-47, GWC-51, GWC-52

Beryllium, Total (mg/L)

GWA-21, GWA-45, GWA-46, GWA-47, GWA-48, GWA-49, GWC-29, GWC-50, GWC-52, GWC-53

Cadmium, Total (mg/L)

GWA-21, GWA-22, GWA-45, GWA-46, GWA-48, GWA-49, GWC-29, GWC-51, GWC-52, GWC-53

Chromium, Total (mg/L)

GWA-45

Cobalt, Total (mg/L)

GWC-52

Copper, Total (mg/L)

GWA-46, GWC-29, GWC-52, GWC-53

Mercury, Total (mg/L)

GWC-51, GWC-53

Nickel, Total (mg/L)

GWC-52

Selenium, Total (mg/L)

GWA-21, GWA-46, GWC-51

Thallium, Total (mg/L)

GWA-46, GWA-47, GWA-49, GWC-29, GWC-52, GWC-53

100% Non-Detects: Appendix III

Analysis Run 4/7/2022 1:00 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Boron (mg/L)

GWA-22, GWA-46, GWA-49, GWC-50, GWC-51, GWC-52

Date Ranges

Date: 4/7/2022 4:43 PM

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Barium, Total (mg/L)

GWA-45 background:12/20/2010-10/3/2018

Chromium, Total (mg/L)

GWC-52 background:12/21/2010-10/4/2018

Sulfate (mg/L)

GWC-52 background:4/11/2016-10/4/2018

Appendix I Intrawell Prediction Limits - Significant Results

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 4/7/2022, 10:20 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method
Barium, Total (mg/L)	GWA-22	0.02993	n/a	2/15/2022	0.032	Yes	28	0.02437	0.00257	0	None	No	0.0007523 Param Intra 1 of 2
Barium, Total (mg/L)	GWA-45	0.05701	n/a	2/14/2022	0.077	Yes	24	0.03215	0.01125	0	None	No	0.0007523 Param Intra 1 of 2
Barium, Total (mg/L)	GWA-46	0.02282	n/a	2/14/2022	0.024	Yes	27	0.01947	0.001543	0	None	No	0.0007523 Param Intra 1 of 2
Barium, Total (mg/L)	GWC-29	0.01961	n/a	2/14/2022	0.02	Yes	28	0.01603	0.001661	0	None	No	0.0007523 Param Intra 1 of 2
Barium, Total (mg/L)	GWC-50	0.014	n/a	2/14/2022	0.018	Yes	28	0.0001382	0.000026710		None	x^2	0.0007523 Param Intra 1 of 2
Barium, Total (mg/L)	GWC-52	0.01758	n/a	2/14/2022	0.021	Yes	28	0.01176	0.00269	0	None	No	0.0007523 Param Intra 1 of 2
Chromium, Total (mg/L)	GWA-22	0.01164	n/a	2/15/2022	0.013	Yes	28	0.006711	0.002282	7.143	None	No	0.0007523 Param Intra 1 of 2
Chromium, Total (mg/L)	GWC-52	0.01533	n/a	2/14/2022	0.036	Yes	24	0.00975	0.002526	4.167	None	No	0.0007523 Param Intra 1 of 2
Nickel, Total (mg/L)	GWA-22	0.001	n/a	2/15/2022	0.0014	Yes	22	n/a	n/a	100	n/a	n/a	0.003707 NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWC-50	0.0018	n/a	2/14/2022	0.0026	Yes	23	n/a	n/a	86.96	n/a	n/a	0.003415 NP Intra (NDs) 1 of 2
Vanadium, Total (mg/L)	GWA-21	0.0031	n/a	2/14/2022	0.0033	Yes	22	n/a	n/a	59.09	n/a	n/a	0.003707 NP Intra (NDs) 1 of 2
Vanadium, Total (mg/L)	GWA-22	0.0052	n/a	2/15/2022	0.0083	Yes	22	n/a	n/a	54.55	n/a	n/a	0.003707 NP Intra (NDs) 1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 4/7/2022, 10:20 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Arsenic, Total (mg/L)	GWA-45	0.0015	n/a	2/14/2022	0.001ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Arsenic, Total (mg/L)	GWA-48	0.001	n/a	2/14/2022	0.001ND	No	28	n/a	n/a	100	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Arsenic, Total (mg/L)	GWA-49	0.001	n/a	2/14/2022	0.001ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-29	0.0013	n/a	2/14/2022	0.001ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-50	0.001	n/a	2/14/2022	0.001ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-53	0.0011	n/a	2/14/2022	0.001ND	No	27	n/a	n/a	96.3	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Barium, Total (mg/L)	GWA-21	0.02935	n/a	2/14/2022	0.024	No	27	0.0227	0.00306	0	None	No	0.0007523	Param Intra 1 of 2
Barium, Total (mg/L)	GWA-22	0.02993	n/a	2/15/2022	0.032	Yes	28	0.02437	0.00257	0	None	No	0.0007523	Param Intra 1 of 2
Barium, Total (mg/L)	GWA-45	0.05701	n/a	2/14/2022	0.077	Yes	24	0.03215	0.01125	0	None	No	0.0007523	Param Intra 1 of 2
Barium, Total (mg/L)	GWA-46	0.02282	n/a	2/14/2022	0.024	Yes	27	0.01947	0.001543	0	None	No	0.0007523	Param Intra 1 of 2
Barium, Total (mg/L)	GWA-47	0.045	n/a	2/14/2022	0.029	No	27	n/a	n/a	0	n/a	n/a	0.002502	NP Intra (normality) 1 of 2
Barium, Total (mg/L)	GWA-48	0.031	n/a	2/14/2022	0.014	No	26	n/a	n/a	0	n/a	n/a	0.002667	NP Intra (normality) 1 of 2
Barium, Total (mg/L)	GWA-49	0.02233	n/a	2/14/2022	0.022	No	28	0.01933	0.001391	0	None	No	0.0007523	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-29	0.01961	n/a	2/14/2022	0.02	Yes	28	0.01603	0.001661	0	None	No	0.0007523	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-50	0.014	n/a	2/14/2022	0.018	Yes	28	0.0001382	0.000026710	None	x^2	0.0007523	Param Intra 1 of 2	
Barium, Total (mg/L)	GWC-51	0.01222	n/a	2/15/2022	0.011	No	28	0.000094730	0.000025273	571	None	x^2	0.0007523	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-52	0.01758	n/a	2/14/2022	0.021	Yes	28	0.01176	0.00269	0	None	No	0.0007523	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-53	0.11	n/a	2/14/2022	0.042	No	28	n/a	n/a	7.143	n/a	n/a	0.002337	NP Intra (normality) 1 of 2
Beryllium, Total (mg/L)	GWA-22	0.0025	n/a	2/15/2022	0.0025ND	No	28	n/a	n/a	100	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Beryllium, Total (mg/L)	GWC-51	0.0025	n/a	2/15/2022	0.0025ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Cadmium, Total (mg/L)	GWA-47	0.0025	n/a	2/14/2022	0.0025ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Cadmium, Total (mg/L)	GWC-50	0.0025	n/a	2/14/2022	0.0025ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Chromium, Total (mg/L)	GWA-21	0.008995	n/a	2/14/2022	0.0026	No	28	0.05889	0.01663	14.29	None	sqrt(x)	0.0007523	Param Intra 1 of 2
Chromium, Total (mg/L)	GWA-22	0.01164	n/a	2/15/2022	0.013	Yes	28	0.006711	0.002282	7.143	None	No	0.0007523	Param Intra 1 of 2
Chromium, Total (mg/L)	GWA-46	0.0088	n/a	2/14/2022	0.0047	No	28	n/a	n/a	3.571	n/a	n/a	0.002337	NP Intra (normality) 1 of 2
Chromium, Total (mg/L)	GWA-47	0.045	n/a	2/14/2022	0.0086	No	28	n/a	n/a	7.143	n/a	n/a	0.002337	NP Intra (normality) 1 of 2
Chromium, Total (mg/L)	GWA-48	0.028	n/a	2/14/2022	0.0058	No	28	n/a	n/a	7.143	n/a	n/a	0.002337	NP Intra (normality) 1 of 2
Chromium, Total (mg/L)	GWA-49	0.009199	n/a	2/14/2022	0.0076	No	28	0.07829	0.008154	3.571	None	sqrt(x)	0.0007523	Param Intra 1 of 2
Chromium, Total (mg/L)	GWC-29	0.0039	n/a	2/14/2022	0.001ND	No	28	n/a	n/a	42.86	n/a	n/a	0.002337	NP Intra (normality) 1 of 2
Chromium, Total (mg/L)	GWC-50	0.006348	n/a	2/14/2022	0.0046	No	28	0.004525	0.0008434	7.143	None	No	0.0007523	Param Intra 1 of 2
Chromium, Total (mg/L)	GWC-51	0.005825	n/a	2/15/2022	0.0054	No	28	0.003553	0.001051	10.71	None	No	0.0007523	Param Intra 1 of 2
Chromium, Total (mg/L)	GWC-52	0.01533	n/a	2/14/2022	0.036	Yes	24	0.00975	0.002526	4.167	None	No	0.0007523	Param Intra 1 of 2
Chromium, Total (mg/L)	GWC-53	0.0041	n/a	2/14/2022	0.0018J	No	28	n/a	n/a	42.86	n/a	n/a	0.002337	NP Intra (normality) 1 of 2
Cobalt, Total (mg/L)	GWA-21	0.0025	n/a	2/14/2022	0.0025ND	No	28	n/a	n/a	64.29	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWA-22	0.0025	n/a	2/15/2022	0.00054J	No	27	n/a	n/a	77.78	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWA-45	0.01078	n/a	2/14/2022	0.00059J	No	28	0.1408	0.03707	25	Kaplan-Meier x^(1/3)	n/a	0.0007523	Param Intra 1 of 2
Cobalt, Total (mg/L)	GWA-46	0.0025	n/a	2/14/2022	0.0025ND	No	28	n/a	n/a	89.29	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWA-47	0.0025	n/a	2/14/2022	0.0025ND	No	26	n/a	n/a	88.46	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWA-48	0.0025	n/a	2/14/2022	0.0025ND	No	27	n/a	n/a	92.59	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWA-49	0.0025	n/a	2/14/2022	0.00039J	No	28	n/a	n/a	89.29	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-29	0.0025	n/a	2/14/2022	0.0025ND	No	28	n/a	n/a	100	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-50	0.0025	n/a	2/14/2022	0.0025ND	No	28	n/a	n/a	100	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-51	0.0025	n/a	2/15/2022	0.0025ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-53	0.01667	n/a	2/14/2022	0.011	No	28	0.008496	0.003782	7.143	None	No	0.0007523	Param Intra 1 of 2
Copper, Total (mg/L)	GWA-21	0.0023	n/a	2/14/2022	0.002ND	No	22	n/a	n/a	95.45	n/a	n/a	0.003707	NP Intra (NDs) 1 of 2
Copper, Total (mg/L)	GWA-22	0.003	n/a	2/15/2022	0.0015J	No	22	n/a	n/a	95.45	n/a	n/a	0.003707	NP Intra (NDs) 1 of 2
Copper, Total (mg/L)	GWA-45	0.0034	n/a	2/14/2022	0.002ND	No	23	n/a	n/a	73.91	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Copper, Total (mg/L)	GWA-47	0.022	n/a	2/14/2022	0.002ND	No	22	n/a	n/a	36.36	n/a	n/a	0.003707	NP Intra (normality) 1 of 2
Copper, Total (mg/L)	GWA-48	0.0084	n/a	2/14/2022	0.002ND	No	22	n/a	n/a	59.09	n/a	n/a	0.003707	NP Intra (NDs) 1 of 2
Copper, Total (mg/L)	GWA-49	0.002	n/a	2/14/2022	0.0014J	No	23	n/a	n/a	100	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Copper, Total (mg/L)	GWC-50	0.002	n/a	2/14/2022	0.0013J	No	22	n/a	n/a	100	n/a	n/a	0.003707	NP Intra (NDs) 1 of 2
Copper, Total (mg/L)	GWC-51	0.002	n/a	2/15/2022	0.002ND	No	23	n/a	n/a	95.65	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWA-21	0.0044	n/a	2/14/2022	0.001ND	No	28	n/a	n/a	75	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWA-22	0.0048	n/a	2/15/2022	0.00025J	No	28	n/a	n/a	82.14	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWA-45	0.005	n/a	2/14/2022	0.001ND	No	28	n/a	n/a	67.86	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 4/7/2022, 10:20 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method
Lead, Total (mg/L)	GWA-46	0.0037	n/a	2/14/2022	0.001ND	No	28	n/a	n/a	82.14	n/a	n/a	0.002337 NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWA-47	0.0062	n/a	2/14/2022	0.001ND	No	28	n/a	n/a	67.86	n/a	n/a	0.002337 NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWA-48	0.0064	n/a	2/14/2022	0.001ND	No	28	n/a	n/a	67.86	n/a	n/a	0.002337 NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWA-49	0.0062	n/a	2/14/2022	0.001ND	No	28	n/a	n/a	67.86	n/a	n/a	0.002337 NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-29	0.0038	n/a	2/14/2022	0.001ND	No	28	n/a	n/a	78.57	n/a	n/a	0.002337 NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-50	0.0043	n/a	2/14/2022	0.00019J	No	28	n/a	n/a	78.57	n/a	n/a	0.002337 NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-51	0.0035	n/a	2/15/2022	0.001ND	No	28	n/a	n/a	71.43	n/a	n/a	0.002337 NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-52	0.006	n/a	2/14/2022	0.001ND	No	27	n/a	n/a	70.37	n/a	n/a	0.002502 NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-53	0.001	n/a	2/14/2022	0.001ND	No	27	n/a	n/a	100	n/a	n/a	0.002502 NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWA-21	0.0002	n/a	2/14/2022	0.0002ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337 NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWA-22	0.0002	n/a	2/15/2022	0.0002ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337 NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWA-45	0.0002	n/a	2/14/2022	0.0002ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337 NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWA-46	0.0002	n/a	2/14/2022	0.0002ND	No	28	n/a	n/a	92.86	n/a	n/a	0.002337 NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWA-47	0.0002	n/a	2/14/2022	0.0002ND	No	28	n/a	n/a	92.86	n/a	n/a	0.002337 NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWA-48	0.0002	n/a	2/14/2022	0.0002ND	No	28	n/a	n/a	92.86	n/a	n/a	0.002337 NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWA-49	0.0002	n/a	2/14/2022	0.0002ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337 NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWC-29	0.0002	n/a	2/14/2022	0.0002ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337 NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWC-50	0.0002	n/a	2/14/2022	0.0002ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337 NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWC-52	0.0002	n/a	2/14/2022	0.0002ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337 NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWA-21	0.001	n/a	2/14/2022	0.001ND	No	22	n/a	n/a	86.36	n/a	n/a	0.003707 NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWA-22	0.001	n/a	2/15/2022	0.0014	Yes	22	n/a	n/a	100	n/a	n/a	0.003707 NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWA-45	0.001	n/a	2/14/2022	0.001ND	No	23	n/a	n/a	86.96	n/a	n/a	0.003415 NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWA-46	0.001	n/a	2/14/2022	0.001ND	No	22	n/a	n/a	95.45	n/a	n/a	0.003707 NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWA-47	0.022	n/a	2/14/2022	0.001ND	No	23	n/a	n/a	65.22	n/a	n/a	0.003415 NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWA-48	0.016	n/a	2/14/2022	0.001ND	No	23	n/a	n/a	56.52	n/a	n/a	0.003415 NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWA-49	0.001	n/a	2/14/2022	0.00088J	No	23	n/a	n/a	91.3	n/a	n/a	0.003415 NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWC-29	0.0047	n/a	2/14/2022	0.0034	No	23	n/a	n/a	56.52	n/a	n/a	0.003415 NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWC-50	0.0018	n/a	2/14/2022	0.0026	Yes	23	n/a	n/a	86.96	n/a	n/a	0.003415 NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWC-51	0.0025	n/a	2/15/2022	0.0024	No	23	n/a	n/a	69.57	n/a	n/a	0.003415 NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWC-53	0.008258	n/a	2/14/2022	0.0071	No	23	0.006804	0.0006526	8.696	None	No	0.0007523 Param Intra 1 of 2
Selenium, Total (mg/L)	GWA-22	0.005	n/a	2/15/2022	0.005ND	No	28	n/a	n/a	89.29	n/a	n/a	0.002337 NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWA-45	0.005	n/a	2/14/2022	0.005ND	No	26	n/a	n/a	88.46	n/a	n/a	0.002667 NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWA-47	0.005	n/a	2/14/2022	0.005ND	No	27	n/a	n/a	96.3	n/a	n/a	0.002502 NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWA-48	0.005	n/a	2/14/2022	0.005ND	No	27	n/a	n/a	92.59	n/a	n/a	0.002502 NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWA-49	0.005	n/a	2/14/2022	0.005ND	No	28	n/a	n/a	92.86	n/a	n/a	0.002337 NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-29	0.005	n/a	2/14/2022	0.005ND	No	28	n/a	n/a	92.86	n/a	n/a	0.002337 NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-50	0.005	n/a	2/14/2022	0.005ND	No	28	n/a	n/a	92.86	n/a	n/a	0.002337 NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-52	0.005	n/a	2/14/2022	0.005ND	No	27	n/a	n/a	81.48	n/a	n/a	0.002502 NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-53	0.005	n/a	2/14/2022	0.005ND	No	28	n/a	n/a	89.29	n/a	n/a	0.002337 NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWA-21	0.001	n/a	2/14/2022	0.001ND	No	28	n/a	n/a	92.86	n/a	n/a	0.002337 NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWA-22	0.001	n/a	2/15/2022	0.001ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337 NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWA-45	0.001	n/a	2/14/2022	0.001ND	No	28	n/a	n/a	89.29	n/a	n/a	0.002337 NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWA-48	0.001	n/a	2/14/2022	0.001ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337 NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWC-50	0.001	n/a	2/14/2022	0.001ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337 NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWC-51	0.001	n/a	2/15/2022	0.001ND	No	28	n/a	n/a	100	n/a	n/a	0.002337 NP Intra (NDs) 1 of 2
Vanadium, Total (mg/L)	GWA-21	0.0031	n/a	2/14/2022	0.0033	Yes	22	n/a	n/a	59.09	n/a	n/a	0.003707 NP Intra (NDs) 1 of 2
Vanadium, Total (mg/L)	GWA-22	0.0052	n/a	2/15/2022	0.0083	Yes	22	n/a	n/a	54.55	n/a	n/a	0.003707 NP Intra (NDs) 1 of 2
Vanadium, Total (mg/L)	GWA-45	0.0036	n/a	2/14/2022	0.0028	No	22	n/a	n/a	68.18	n/a	n/a	0.003707 NP Intra (NDs) 1 of 2
Vanadium, Total (mg/L)	GWA-46	0.006504	n/a	2/14/2022	0.0032	No	22	0.05801	0.01008	18.18	Kaplan-Meier	sqrt(x)	0.0007523 Param Intra 1 of 2
Vanadium, Total (mg/L)	GWA-47	0.0299	n/a	2/14/2022	0.0076	No	23	0.1014	0.03211	8.696	None	sqrt(x)	0.0007523 Param Intra 1 of 2
Vanadium, Total (mg/L)	GWA-48	0.02341	n/a	2/14/2022	0.019	No	22	0.01572	0.003424	4.545	None	No	0.0007523 Param Intra 1 of 2
Vanadium, Total (mg/L)	GWA-49	0.02263	n/a	2/14/2022	0.02	No	23	0.01862	0.0018	0	None	No	0.0007523 Param Intra 1 of 2
Vanadium, Total (mg/L)	GWC-29	0.007283	n/a	2/14/2022	0.0047	No	23	0.004774	0.001126	8.696	None	No	0.0007523 Param Intra 1 of 2
Vanadium, Total (mg/L)	GWC-50	0.004715	n/a	2/14/2022	0.0042	No	23	0.003096	0.0007265	39.13	Kaplan-Meier	No	0.0007523 Param Intra 1 of 2
Vanadium, Total (mg/L)	GWC-51	0.007316	n/a	2/15/2022	0.0049	No	23	0.004446	0.001288	21.74	Kaplan-Meier	No	0.0007523 Param Intra 1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 4/7/2022, 10:20 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method
Vanadium, Total (mg/L)	GWC-52	0.01371	n/a	2/14/2022	0.011	No	23	0.01109	0.001178	8.696	None	No	0.0007523 Param Intra 1 of 2
Vanadium, Total (mg/L)	GWC-53	0.0065	n/a	2/14/2022	0.0014	No	22	n/a	n/a	81.82	n/a	n/a	0.003707 NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWA-21	0.005	n/a	2/14/2022	0.005ND	No	23	n/a	n/a	91.3	n/a	n/a	0.003415 NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWA-22	0.0085	n/a	2/15/2022	0.003J	No	21	n/a	n/a	95.24	n/a	n/a	0.003999 NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWA-45	0.0098	n/a	2/14/2022	0.003J	No	23	n/a	n/a	82.61	n/a	n/a	0.003415 NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWA-46	0.0096	n/a	2/14/2022	0.005ND	No	22	n/a	n/a	77.27	n/a	n/a	0.003707 NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWA-47	0.0087	n/a	2/14/2022	0.005ND	No	21	n/a	n/a	90.48	n/a	n/a	0.003999 NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWA-48	0.005	n/a	2/14/2022	0.005ND	No	23	n/a	n/a	91.3	n/a	n/a	0.003415 NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWA-49	0.005	n/a	2/14/2022	0.005ND	No	23	n/a	n/a	91.3	n/a	n/a	0.003415 NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWC-29	0.0058	n/a	2/14/2022	0.005ND	No	23	n/a	n/a	95.65	n/a	n/a	0.003415 NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWC-50	0.0076	n/a	2/14/2022	0.005ND	No	23	n/a	n/a	86.96	n/a	n/a	0.003415 NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWC-51	0.005	n/a	2/15/2022	0.005ND	No	23	n/a	n/a	91.3	n/a	n/a	0.003415 NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWC-52	0.0073	n/a	2/14/2022	0.005ND	No	23	n/a	n/a	91.3	n/a	n/a	0.003415 NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWC-53	0.02028	n/a	2/14/2022	0.014	No	22	0.01392	0.002833	0	None	No	0.0007523 Param Intra 1 of 2

Appendix I Interwell Prediction Limits - Two-Step - All Results (No Significant)

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 4/7/2022, 12:52 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method
Barium, Total (mg/L)	GWC-29	0.091	n/a	2/14/2022	0.02	No	208	n/a	n/a	0	n/a	n/a	0.0000492 NP Inter (normality) 1 of 2
Barium, Total (mg/L)	GWC-50	0.091	n/a	2/14/2022	0.018	No	208	n/a	n/a	0	n/a	n/a	0.0000492 NP Inter (normality) 1 of 2
Barium, Total (mg/L)	GWC-52	0.091	n/a	2/14/2022	0.021	No	208	n/a	n/a	0	n/a	n/a	0.0000492 NP Inter (normality) 1 of 2
Chromium, Total (mg/L)	GWC-52	0.045	n/a	2/14/2022	0.036	No	215	n/a	n/a	19.07	n/a	n/a	0.0000492 NP Inter (normality) 1 of 2
Nickel, Total (mg/L)	GWC-50	0.022	n/a	2/14/2022	0.0026	No	179	n/a	n/a	79.33	n/a	n/a	0.00006143 NP Inter (NDs) 1 of 2

Appendix I Trend Tests - Significant Results

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 4/7/2022, 12:54 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Barium, Total (mg/L)	GWA-45 (bg)	0.004748	248	124	Yes	27	0	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWA-46 (bg)	0.0004195	221	146	Yes	30	0	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWC-29	0.0004695	249	152	Yes	31	0	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWC-52	0.0008166	360	152	Yes	31	0	n/a	n/a	0.01	NP
Chromium, Total (mg/L)	GWA-21 (bg)	-0.0004307	-213	-152	Yes	31	12.9	n/a	n/a	0.01	NP
Chromium, Total (mg/L)	GWA-22 (bg)	0.0005685	267	152	Yes	31	6.452	n/a	n/a	0.01	NP
Chromium, Total (mg/L)	GWC-52	0.001461	294	152	Yes	31	3.226	n/a	n/a	0.01	NP
Nickel, Total (mg/L)	GWA-48 (bg)	-0.0001651	-135	-118	Yes	26	57.69	n/a	n/a	0.01	NP
Vanadium, Total (mg/L)	GWA-48 (bg)	0.0005844	159	111	Yes	25	4	n/a	n/a	0.01	NP

Appendix I Trend Tests - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 4/7/2022, 12:54 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Barium, Total (mg/L)	GWA-21 (bg)	0.0003891	126	146	No	30	0	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWA-22 (bg)	-0.0003132	-120	-152	No	31	0	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWA-45 (bg)	0.004748	248	124	Yes	27	0	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWA-46 (bg)	0.0004195	221	146	Yes	30	0	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWA-47 (bg)	-0.0007935	-99	-146	No	30	0	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWA-48 (bg)	0	-22	-139	No	29	0	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWA-49 (bg)	0	28	152	No	31	0	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWC-29	0.0004695	249	152	Yes	31	0	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWC-50	0.0001889	145	152	No	31	0	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWC-52	0.0008166	360	152	Yes	31	0	n/a	n/a	0.01	NP
Chromium, Total (mg/L)	GWA-21 (bg)	-0.0004307	-213	-152	Yes	31	12.9	n/a	n/a	0.01	NP
Chromium, Total (mg/L)	GWA-22 (bg)	0.0005685	267	152	Yes	31	6.452	n/a	n/a	0.01	NP
Chromium, Total (mg/L)	GWA-45 (bg)	0	0	139	No	29	100	n/a	n/a	0.01	NP
Chromium, Total (mg/L)	GWA-46 (bg)	0.00004855	61	152	No	31	3.226	n/a	n/a	0.01	NP
Chromium, Total (mg/L)	GWA-47 (bg)	-0.000239	-53	-152	No	31	6.452	n/a	n/a	0.01	NP
Chromium, Total (mg/L)	GWA-48 (bg)	-0.0003392	-110	-152	No	31	6.452	n/a	n/a	0.01	NP
Chromium, Total (mg/L)	GWA-49 (bg)	0	9	152	No	31	3.226	n/a	n/a	0.01	NP
Chromium, Total (mg/L)	GWC-52	0.001461	294	152	Yes	31	3.226	n/a	n/a	0.01	NP
Nickel, Total (mg/L)	GWA-21 (bg)	0	-52	-111	No	25	80	n/a	n/a	0.01	NP
Nickel, Total (mg/L)	GWA-22 (bg)	0	-21	-111	No	25	88	n/a	n/a	0.01	NP
Nickel, Total (mg/L)	GWA-45 (bg)	0	-70	-118	No	26	80.77	n/a	n/a	0.01	NP
Nickel, Total (mg/L)	GWA-46 (bg)	0	-14	-111	No	25	96	n/a	n/a	0.01	NP
Nickel, Total (mg/L)	GWA-47 (bg)	0	-68	-118	No	26	69.23	n/a	n/a	0.01	NP
Nickel, Total (mg/L)	GWA-48 (bg)	-0.0001651	-135	-118	Yes	26	57.69	n/a	n/a	0.01	NP
Nickel, Total (mg/L)	GWA-49 (bg)	0	-34	-118	No	26	84.62	n/a	n/a	0.01	NP
Nickel, Total (mg/L)	GWC-50	0	13	118	No	26	76.92	n/a	n/a	0.01	NP
Vanadium, Total (mg/L)	GWA-21 (bg)	0	51	111	No	25	52	n/a	n/a	0.01	NP
Vanadium, Total (mg/L)	GWA-22 (bg)	6.1e-12	50	111	No	25	48	n/a	n/a	0.01	NP
Vanadium, Total (mg/L)	GWA-45 (bg)	0	69	111	No	25	60	n/a	n/a	0.01	NP
Vanadium, Total (mg/L)	GWA-46 (bg)	0	-4	-111	No	25	16	n/a	n/a	0.01	NP
Vanadium, Total (mg/L)	GWA-47 (bg)	-0.0005	-49	-118	No	26	7.692	n/a	n/a	0.01	NP
Vanadium, Total (mg/L)	GWA-48 (bg)	0.0005844	159	111	Yes	25	4	n/a	n/a	0.01	NP
Vanadium, Total (mg/L)	GWA-49 (bg)	0.0001923	97	118	No	26	0	n/a	n/a	0.01	NP

Appendix III Intrawell Prediction Limits - Significant Results

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 4/7/2022, 1:06 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method
Chloride (mg/L)	GWA-46	4.852	n/a	2/14/2022	5	Yes	15	3.488	0.6223	0	None	No	0.001504 Param Intra 1 of 2
Chloride (mg/L)	GWC-51	7.599	n/a	2/15/2022	7.6	Yes	14	6.793	0.3605	0	None	No	0.001504 Param Intra 1 of 2
pH (S.U.)	GWA-21	5.979	5.611	2/14/2022	5.99	Yes	17	5.795	0.08654	0	None	No	0.000752 Param Intra 1 of 2
pH (S.U.)	GWA-22	6.255	5.546	2/15/2022	6.4	Yes	18	5.901	0.1685	0	None	No	0.000752 Param Intra 1 of 2
pH (S.U.)	GWA-47	6.578	6.308	2/14/2022	6.6	Yes	19	6.443	0.06488	0	None	No	0.000752 Param Intra 1 of 2
pH (S.U.)	GWA-49	7.057	6.66	2/14/2022	7.1	Yes	17	6.858	0.09329	0	None	No	0.000752 Param Intra 1 of 2
pH (S.U.)	GWC-29	6.059	5.652	2/14/2022	6.29	Yes	17	5.855	0.09566	0	None	No	0.000752 Param Intra 1 of 2
pH (S.U.)	GWC-51	5.975	5.734	2/15/2022	6.02	Yes	18	5.854	0.05721	0	None	No	0.000752 Param Intra 1 of 2
pH (S.U.)	GWC-52	6.787	6.516	2/14/2022	6.79	Yes	18	6.652	0.06447	0	None	No	0.000752 Param Intra 1 of 2
Sulfate (mg/L)	GWC-52	26.14	n/a	2/14/2022	56	Yes	11	12.62	5.636	9.091	None	No	0.001504 Param Intra 1 of 2

Appendix III Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 4/7/2022, 1:06 PM

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	2/14/2022	0.08ND	No	15	n/a	n/a	86.67	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-45	1.23	n/a	2/14/2022	0.86	No	15	0.5984	0.288	0	None	No	0.001504	Param Intra 1 of 2
Boron (mg/L)	GWA-47	0.08	n/a	2/14/2022	0.08ND	No	15	n/a	n/a	93.33	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-48	0.08	n/a	2/14/2022	0.08ND	No	15	n/a	n/a	100	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-29	0.08	n/a	2/14/2022	0.08ND	No	15	n/a	n/a	93.33	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-53	1.103	n/a	2/14/2022	1	No	15	0.9376	0.0752	0	None	No	0.001504	Param Intra 1 of 2
Calcium (mg/L)	GWA-21	11.54	n/a	2/14/2022	8	No	15	8.885	1.213	0	None	No	0.001504	Param Intra 1 of 2
Calcium (mg/L)	GWA-22	9.681	n/a	2/15/2022	9.6	No	15	6.973	1.235	0	None	No	0.001504	Param Intra 1 of 2
Calcium (mg/L)	GWA-45	46.75	n/a	2/14/2022	26	No	15	36.75	4.558	0	None	No	0.001504	Param Intra 1 of 2
Calcium (mg/L)	GWA-46	7.002	n/a	2/14/2022	5.9	No	15	5.705	0.5914	0	None	No	0.001504	Param Intra 1 of 2
Calcium (mg/L)	GWA-47	12.34	n/a	2/14/2022	11	No	15	10.91	0.6552	0	None	No	0.001504	Param Intra 1 of 2
Calcium (mg/L)	GWA-48	14.32	n/a	2/14/2022	11	No	15	12.53	0.813	0	None	No	0.001504	Param Intra 1 of 2
Calcium (mg/L)	GWA-49	15.64	n/a	2/14/2022	13	No	15	14.17	0.6715	0	None	No	0.001504	Param Intra 1 of 2
Calcium (mg/L)	GWC-29	16	n/a	2/14/2022	16	No	15	n/a	n/a	0	n/a	n/a	0.007533	NP Intra (normality) 1 of 2
Calcium (mg/L)	GWC-50	8.176	n/a	2/14/2022	6.5	No	15	7.156	0.465	0	None	No	0.001504	Param Intra 1 of 2
Calcium (mg/L)	GWC-51	7.763	n/a	2/15/2022	6.4	No	15	6.72	0.4754	0	None	No	0.001504	Param Intra 1 of 2
Calcium (mg/L)	GWC-52	19.24	n/a	2/14/2022	18	No	15	14.34	2.233	0	None	No	0.001504	Param Intra 1 of 2
Calcium (mg/L)	GWC-53	21.11	n/a	2/14/2022	16	No	15	17.19	1.786	0	None	No	0.001504	Param Intra 1 of 2
Chloride (mg/L)	GWA-21	4.319	n/a	2/14/2022	4	No	15	3.296	0.4668	0	None	No	0.001504	Param Intra 1 of 2
Chloride (mg/L)	GWA-22	4.968	n/a	2/15/2022	1.8	No	15	2.927	0.9308	0	None	No	0.001504	Param Intra 1 of 2
Chloride (mg/L)	GWA-45	12	n/a	2/14/2022	10	No	15	n/a	n/a	0	n/a	n/a	0.007533	NP Intra (normality) 1 of 2
Chloride (mg/L)	GWA-46	4.852	n/a	2/14/2022	5	Yes	15	3.488	0.6223	0	None	No	0.001504	Param Intra 1 of 2
Chloride (mg/L)	GWA-47	1.787	n/a	2/14/2022	1.5	No	15	1.478	0.1408	0	None	No	0.001504	Param Intra 1 of 2
Chloride (mg/L)	GWA-48	1.996	n/a	2/14/2022	1.8	No	14	1.724	0.1215	0	None	No	0.001504	Param Intra 1 of 2
Chloride (mg/L)	GWA-49	2.384	n/a	2/14/2022	2	No	15	2.072	0.1421	0	None	No	0.001504	Param Intra 1 of 2
Chloride (mg/L)	GWC-29	4.145	n/a	2/14/2022	3.8	No	14	3.393	0.3362	0	None	No	0.001504	Param Intra 1 of 2
Chloride (mg/L)	GWC-50	2.183	n/a	2/14/2022	1.9	No	15	1.953	0.105	0	None	No	0.001504	Param Intra 1 of 2
Chloride (mg/L)	GWC-51	7.599	n/a	2/15/2022	7.6	Yes	14	6.793	0.3605	0	None	No	0.001504	Param Intra 1 of 2
Chloride (mg/L)	GWC-52	8.538	n/a	2/14/2022	7.6	No	14	7.9	0.2855	0	None	No	0.001504	Param Intra 1 of 2
Chloride (mg/L)	GWC-53	13	n/a	2/14/2022	12	No	15	n/a	n/a	0	n/a	n/a	0.007533	NP Intra (normality) 1 of 2
Fluoride (mg/L)	GWA-21	0.082	n/a	2/14/2022	0.058J	No	15	n/a	n/a	66.67	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-22	0.082	n/a	2/15/2022	0.088J	No	15	n/a	n/a	73.33	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-45	0.1	n/a	2/14/2022	0.052J	No	15	n/a	n/a	80	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-46	0.1	n/a	2/14/2022	0.05J	No	15	n/a	n/a	86.67	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-47	0.1	n/a	2/14/2022	0.068J	No	15	n/a	n/a	80	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-48	0.1	n/a	2/14/2022	0.056J	No	15	n/a	n/a	60	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-49	0.082	n/a	2/14/2022	0.07J	No	15	n/a	n/a	66.67	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-29	0.082	n/a	2/14/2022	0.074J	No	15	n/a	n/a	66.67	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-50	0.1	n/a	2/14/2022	0.057J	No	15	n/a	n/a	73.33	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-51	0.1	n/a	2/15/2022	0.06J	No	15	n/a	n/a	73.33	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-52	0.082	n/a	2/14/2022	0.055J	No	15	n/a	n/a	73.33	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-53	0.1	n/a	2/14/2022	0.041J	No	15	n/a	n/a	100	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
pH (S.U.)	GWA-21	5.979	5.611	2/14/2022	5.99	Yes	17	5.795	0.08654	0	None	No	0.000752	Param Intra 1 of 2
pH (S.U.)	GWA-22	6.255	5.546	2/15/2022	6.4	Yes	18	5.901	0.1685	0	None	No	0.000752	Param Intra 1 of 2
pH (S.U.)	GWA-45	6.48	5.95	2/14/2022	6.31	No	17	n/a	n/a	0	n/a	n/a	0.01183	NP Intra (normality) 1 of 2
pH (S.U.)	GWA-46	6.83	5.71	2/14/2022	5.85	No	17	n/a	n/a	0	n/a	n/a	0.01183	NP Intra (normality) 1 of 2
pH (S.U.)	GWA-47	6.578	6.308	2/14/2022	6.6	Yes	19	6.443	0.06488	0	None	No	0.000752	Param Intra 1 of 2
pH (S.U.)	GWA-48	6.953	6.562	2/14/2022	6.93	No	17	6.758	0.09196	0	None	No	0.000752	Param Intra 1 of 2
pH (S.U.)	GWA-49	7.057	6.66	2/14/2022	7.1	Yes	17	6.858	0.09329	0	None	No	0.000752	Param Intra 1 of 2
pH (S.U.)	GWC-29	6.059	5.652	2/14/2022	6.29	Yes	17	5.855	0.09566	0	None	No	0.000752	Param Intra 1 of 2
pH (S.U.)	GWC-50	5.967	5.667	2/14/2022	5.9	No	18	5.817	0.07136	0	None	No	0.000752	Param Intra 1 of 2
pH (S.U.)	GWC-51	5.975	5.734	2/15/2022	6.02	Yes	18	5.854	0.05721	0	None	No	0.000752	Param Intra 1 of 2
pH (S.U.)	GWC-52	6.787	6.516	2/14/2022	6.79	Yes	18	6.652	0.06447	0	None	No	0.000752	Param Intra 1 of 2
pH (S.U.)	GWC-53	5.76	5.427	2/14/2022	5.65	No	17	5.594	0.07834	0	None	No	0.000752	Param Intra 1 of 2

Appendix III Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 4/7/2022, 1:06 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method
Sulfate (mg/L)	GWA-21	2.559	n/a	2/14/2022	1	No	15	1.375	0.5398	6.667	None	No	0.001504 Param Intra 1 of 2
Sulfate (mg/L)	GWA-22	1	n/a	2/15/2022	0.87J	No	15	n/a	n/a	93.33	n/a	n/a	0.007533 NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-45	183.3	n/a	2/14/2022	130	No	15	147.8	16.19	0	None	No	0.001504 Param Intra 1 of 2
Sulfate (mg/L)	GWA-46	1	n/a	2/14/2022	1ND	No	15	n/a	n/a	66.67	n/a	n/a	0.007533 NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-47	1	n/a	2/14/2022	1ND	No	15	n/a	n/a	80	n/a	n/a	0.007533 NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-48	1.689	n/a	2/14/2022	1.2	No	15	1.235	0.2069	0	None	No	0.001504 Param Intra 1 of 2
Sulfate (mg/L)	GWA-49	1	n/a	2/14/2022	0.85J	No	15	n/a	n/a	66.67	n/a	n/a	0.007533 NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-29	3.367	n/a	2/14/2022	2.9	No	15	2.643	0.33	6.667	None	No	0.001504 Param Intra 1 of 2
Sulfate (mg/L)	GWC-50	1	n/a	2/14/2022	1ND	No	15	n/a	n/a	93.33	n/a	n/a	0.007533 NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-51	2.7	n/a	2/15/2022	1.8	No	15	n/a	n/a	66.67	n/a	n/a	0.007533 NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-52	26.14	n/a	2/14/2022	56	Yes	11	12.62	5.636	9.091	None	No	0.001504 Param Intra 1 of 2
Sulfate (mg/L)	GWC-53	186.4	n/a	2/14/2022	150	No	15	153.7	14.9	0	None	No	0.001504 Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-21	129.8	n/a	2/14/2022	100	No	15	85.4	20.24	0	None	No	0.001504 Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-22	105.2	n/a	2/15/2022	85	No	15	66.13	17.82	0	None	No	0.001504 Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-45	366.7	n/a	2/14/2022	290	No	15	271.8	43.29	0	None	No	0.001504 Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-46	94.72	n/a	2/14/2022	68	No	15	51.77	19.59	6.667	None	No	0.001504 Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-47	118.4	n/a	2/14/2022	94	No	15	86.07	14.72	0	None	No	0.001504 Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-48	126.5	n/a	2/14/2022	100	No	15	92.53	15.48	0	None	No	0.001504 Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-49	131.2	n/a	2/14/2022	110	No	14	107.4	10.65	0	None	No	0.001504 Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-29	139.5	n/a	2/14/2022	120	No	15	90.67	22.27	0	None	No	0.001504 Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-50	119.1	n/a	2/14/2022	79	No	15	70.53	22.17	0	None	No	0.001504 Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-51	108.7	n/a	2/15/2022	67	No	14	77.07	14.12	0	None	No	0.001504 Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-52	193.6	n/a	2/14/2022	150	No	15	128.3	29.78	0	None	No	0.001504 Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-53	332.3	n/a	2/14/2022	280	No	15	254.5	35.48	0	None	No	0.001504 Param Intra 1 of 2

Appendix III Interwell Prediction Limits - Two-Step - All Results (No Significant)

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 4/7/2022, 1:09 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method
Chloride (mg/L)	GWC-51	13	n/a	2/15/2022	7.6	No	125	n/a	n/a	0	n/a	n/a	0.0001262 NP Inter (normality) 1 of 2
pH (S.U.)	GWC-29	7.1	5.52	2/14/2022	6.29	No	146	n/a	n/a	0	n/a	n/a	0.0001855 NP Inter (normality) 1 of 2
pH (S.U.)	GWC-51	7.1	5.52	2/15/2022	6.02	No	146	n/a	n/a	0	n/a	n/a	0.0001855 NP Inter (normality) 1 of 2
pH (S.U.)	GWC-52	7.1	5.52	2/14/2022	6.79	No	146	n/a	n/a	0	n/a	n/a	0.0001855 NP Inter (normality) 1 of 2
Sulfate (mg/L)	GWC-52	180	n/a	2/14/2022	56	No	126	n/a	n/a	44.44	n/a	n/a	0.0001245 NP Inter (normality) 1 of 2

Appendix III Trend Tests - Significant Results

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 4/7/2022, 1:11 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Chloride (mg/L)	GWA-21 (bg)	0.1991	87	68	Yes	18	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-46 (bg)	0.4321	118	68	Yes	18	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWC-51	0.2283	88	63	Yes	17	0	n/a	n/a	0.01	NP
pH (S.U.)	GWC-29	0.06442	104	81	Yes	20	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWC-52	8.594	133	68	Yes	18	5.556	n/a	n/a	0.01	NP

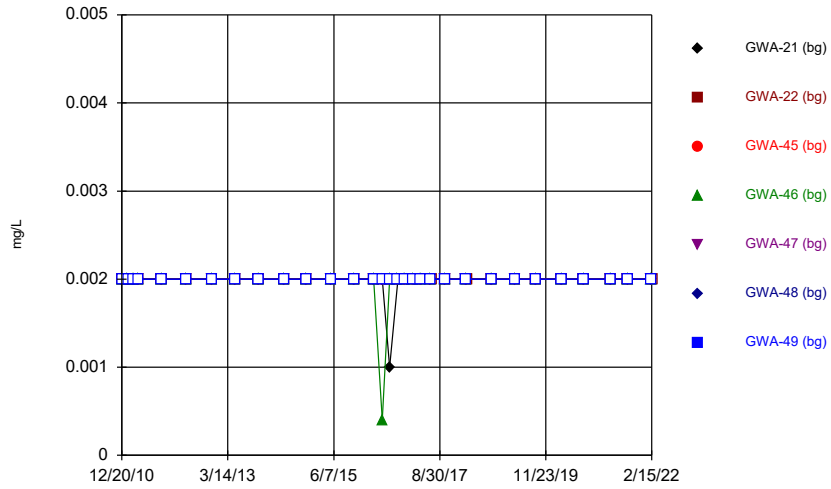
Appendix III Trend Tests - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 4/7/2022, 1:11 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Chloride (mg/L)	GWA-21 (bg)	0.1991	87	68	Yes	18	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-22 (bg)	-0.3262	-65	-68	No	18	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-45 (bg)	0.226	65	68	No	18	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-46 (bg)	0.4321	118	68	Yes	18	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-47 (bg)	0	-2	-68	No	18	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-48 (bg)	0	-6	-63	No	17	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-49 (bg)	-0.02152	-37	-68	No	18	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWC-51	0.2283	88	63	Yes	17	0	n/a	n/a	0.01	NP
pH (S.U.)	GWA-21 (bg)	0.02491	64	81	No	20	0	n/a	n/a	0.01	NP
pH (S.U.)	GWA-22 (bg)	0.01999	32	87	No	21	0	n/a	n/a	0.01	NP
pH (S.U.)	GWA-45 (bg)	-0.01606	-35	-81	No	20	0	n/a	n/a	0.01	NP
pH (S.U.)	GWA-46 (bg)	0.004797	20	87	No	21	0	n/a	n/a	0.01	NP
pH (S.U.)	GWA-47 (bg)	0.01159	51	98	No	23	0	n/a	n/a	0.01	NP
pH (S.U.)	GWA-48 (bg)	0.01057	39	87	No	21	0	n/a	n/a	0.01	NP
pH (S.U.)	GWA-49 (bg)	0.008754	31	81	No	20	0	n/a	n/a	0.01	NP
pH (S.U.)	GWC-29	0.06442	104	81	Yes	20	0	n/a	n/a	0.01	NP
pH (S.U.)	GWC-51	0.01242	71	92	No	22	0	n/a	n/a	0.01	NP
pH (S.U.)	GWC-52	0	8	92	No	22	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-21 (bg)	0.04606	26	68	No	18	5.556	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-22 (bg)	0	-23	-68	No	18	88.89	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-45 (bg)	5.294	53	68	No	18	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-46 (bg)	0	-13	-68	No	18	66.67	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-47 (bg)	0	-28	-68	No	18	83.33	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-48 (bg)	0.01765	17	68	No	18	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-49 (bg)	0	-28	-68	No	18	66.67	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWC-52	8.594	133	68	Yes	18	5.556	n/a	n/a	0.01	NP

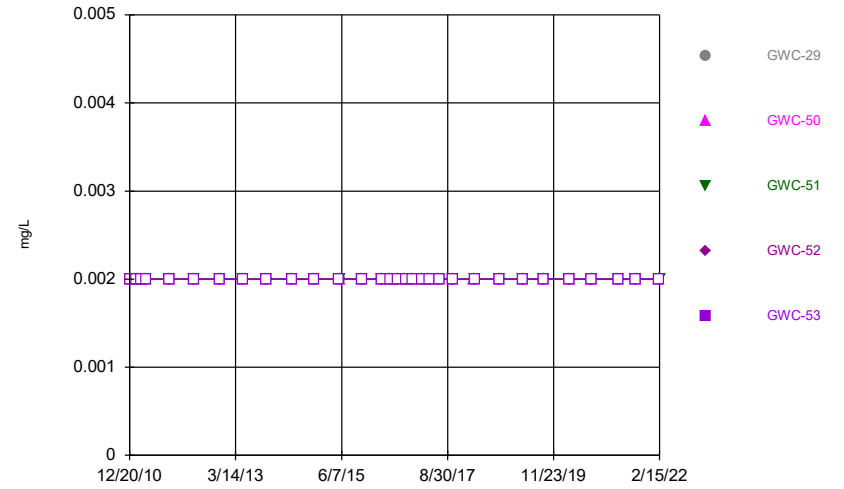
FIGURE A.

Time Series



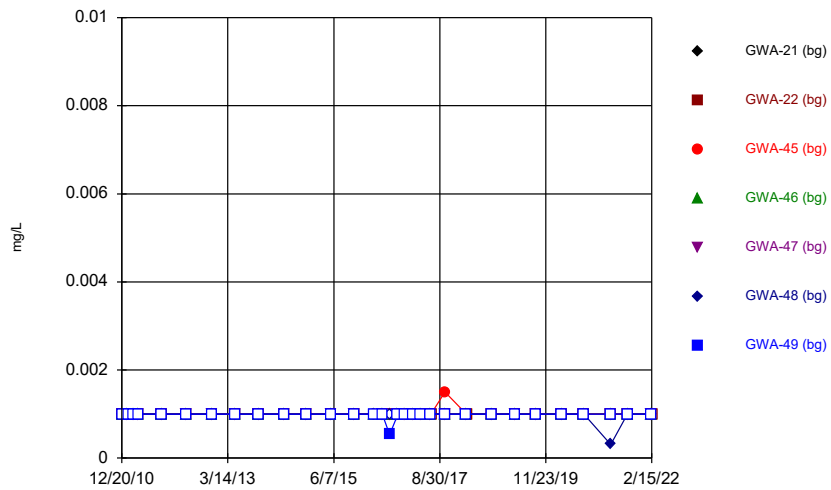
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Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



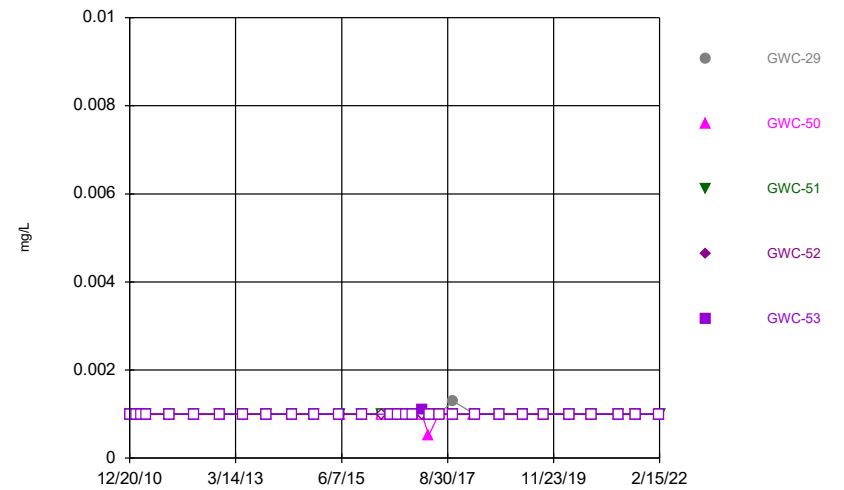
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Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



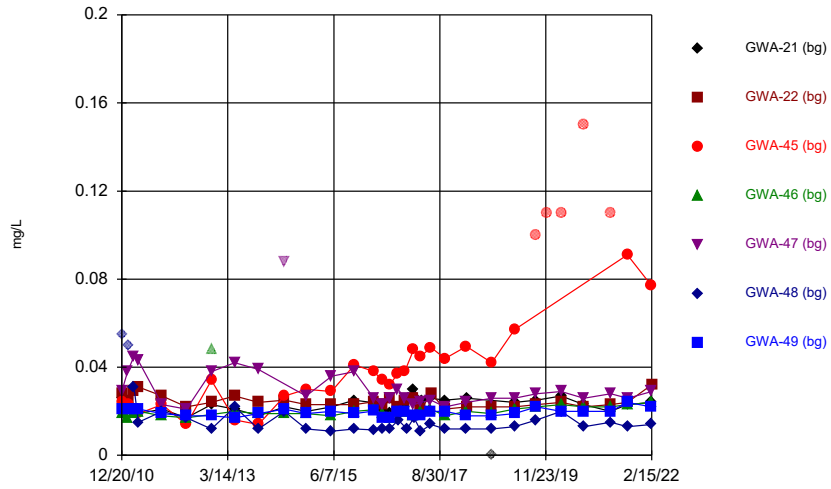
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Time Series



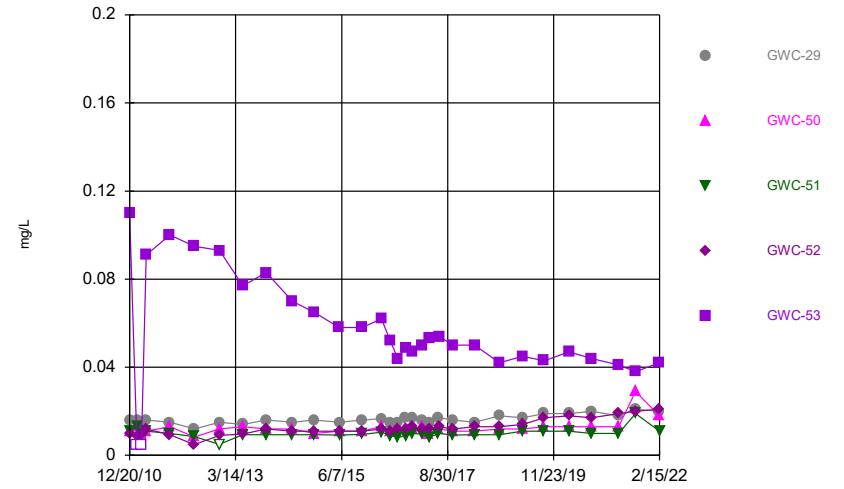
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Time Series



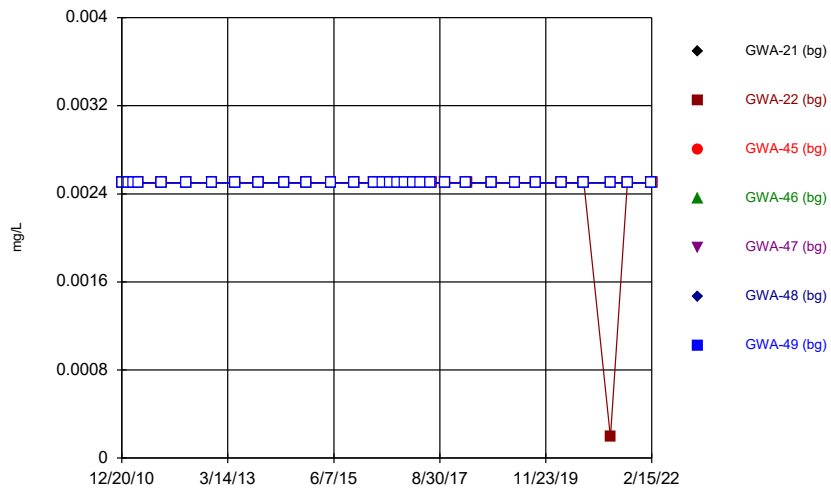
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Time Series



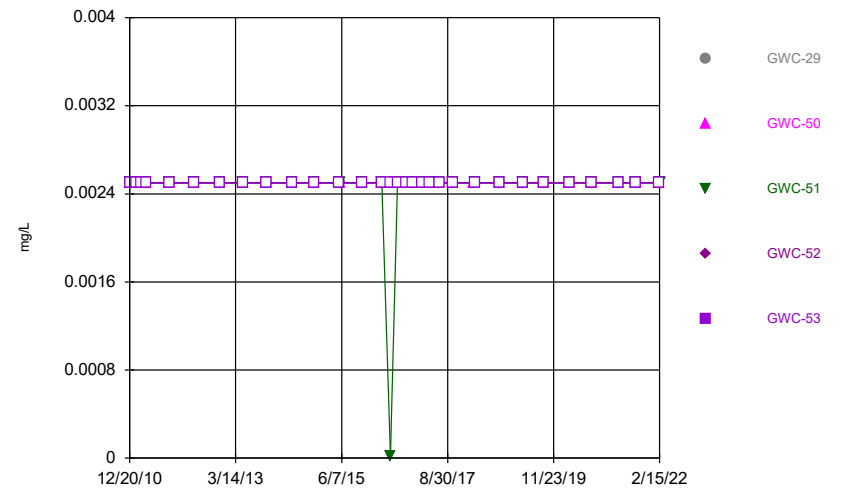
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Time Series



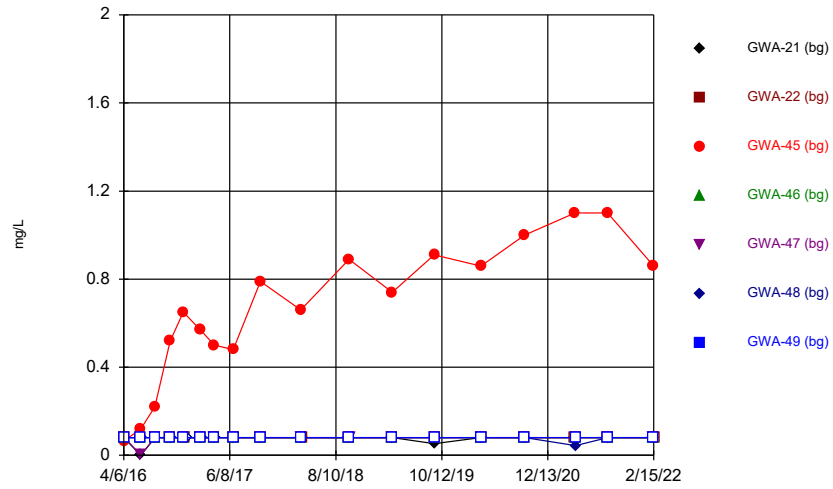
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Time Series



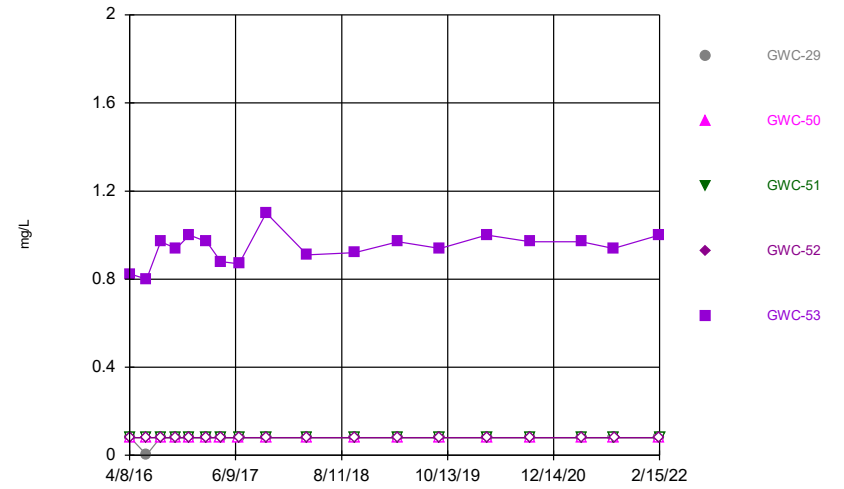
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Time Series



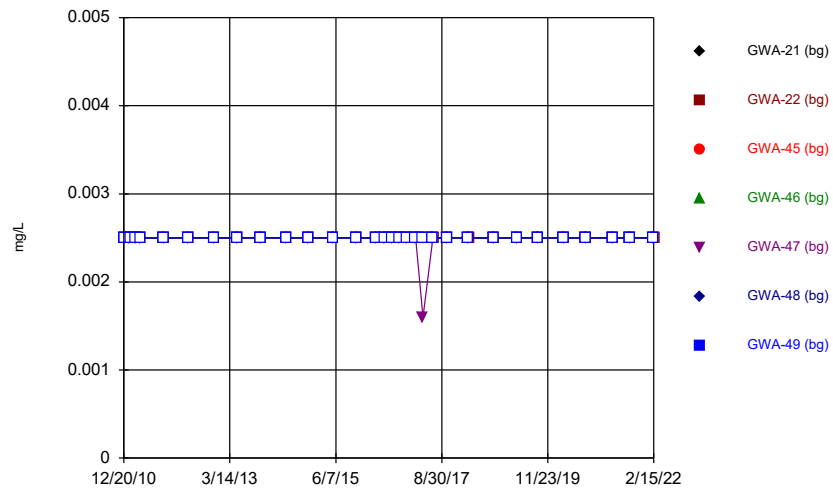
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Time Series



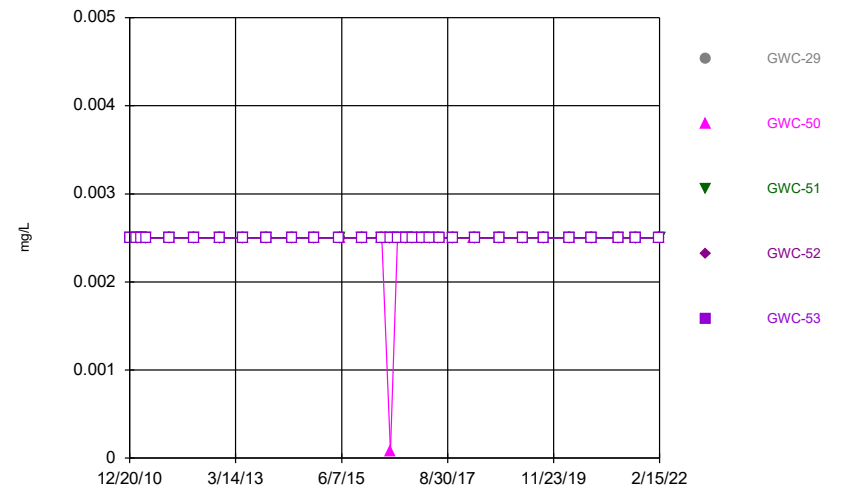
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Time Series



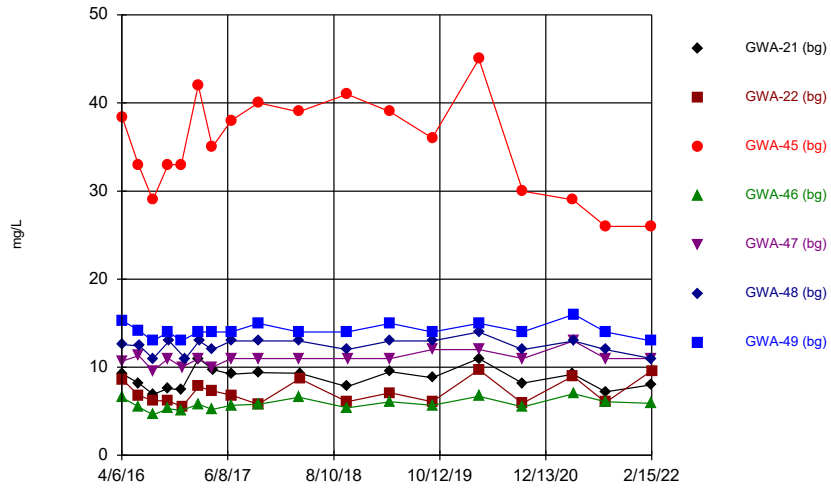
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Time Series



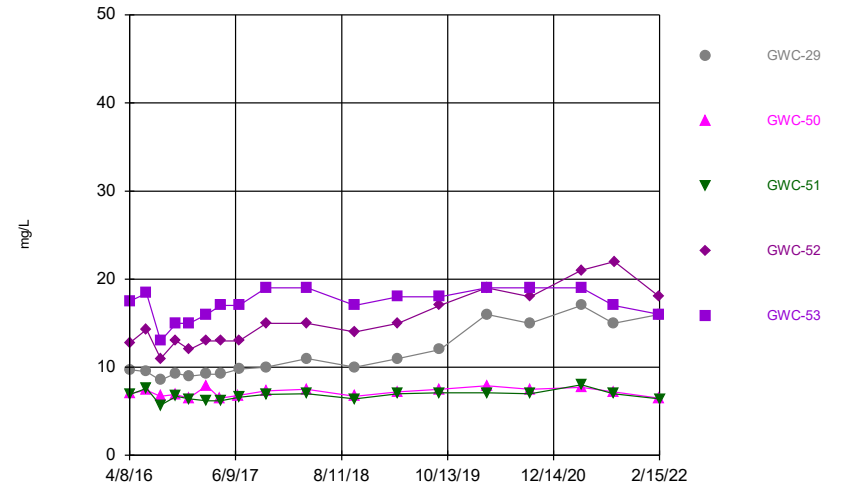
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Time Series



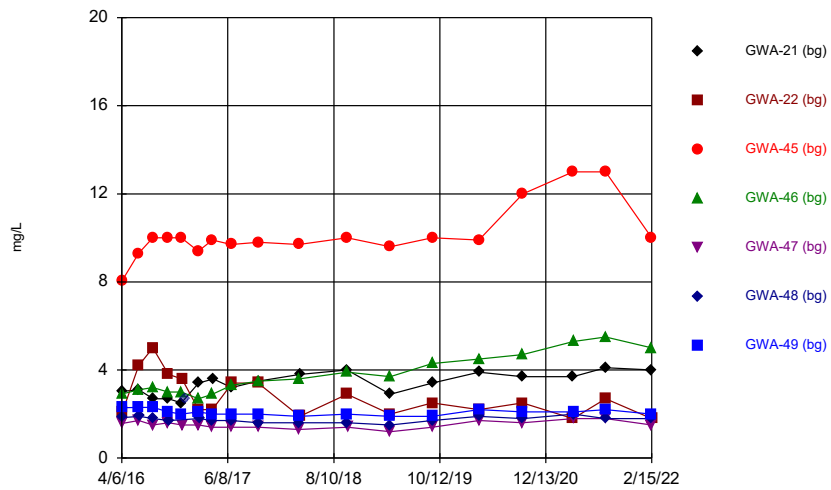
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Time Series



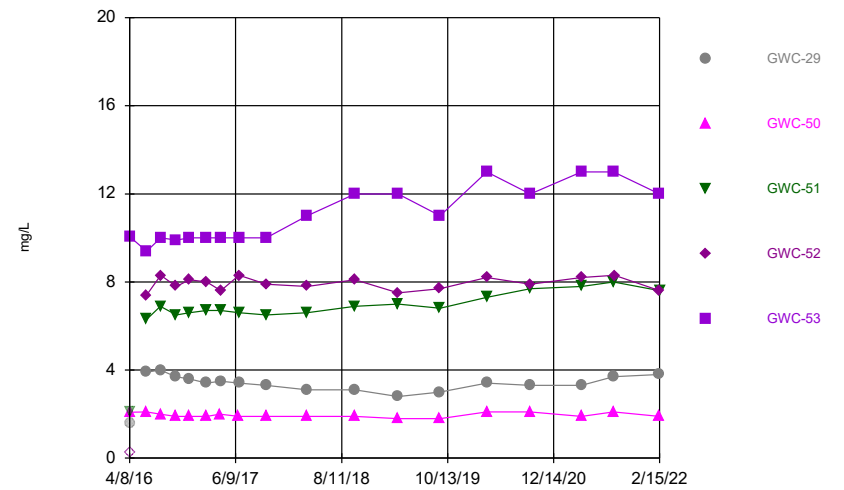
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Time Series



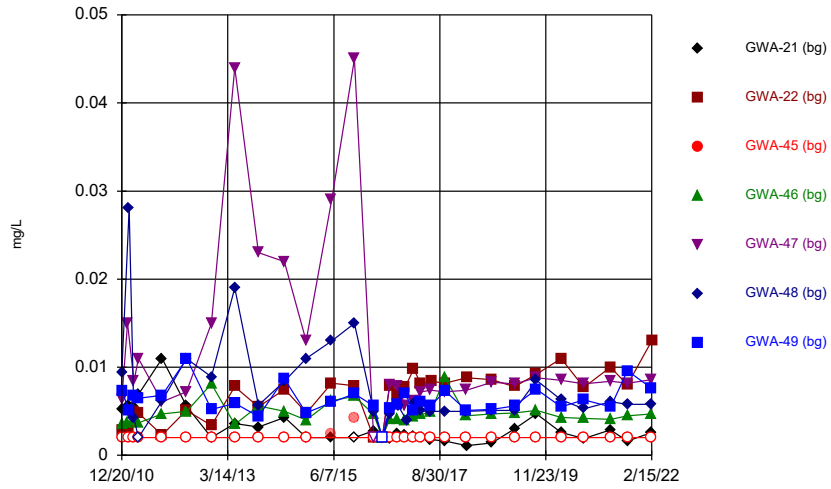
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Time Series



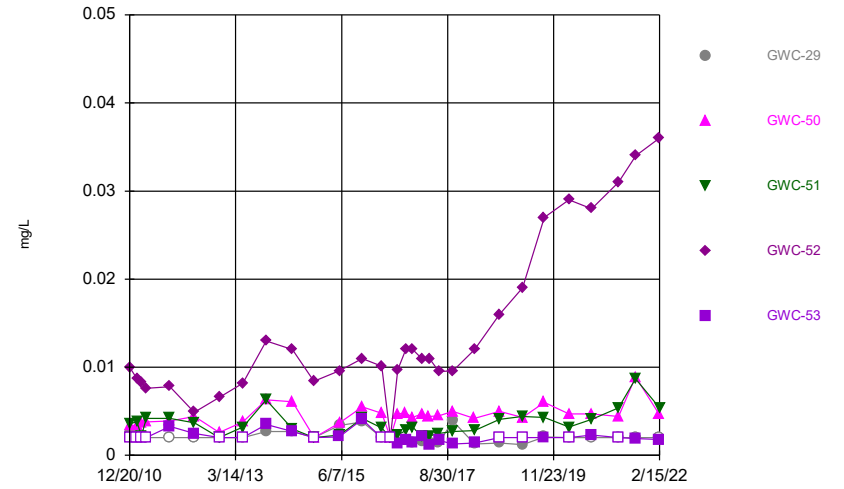
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Time Series



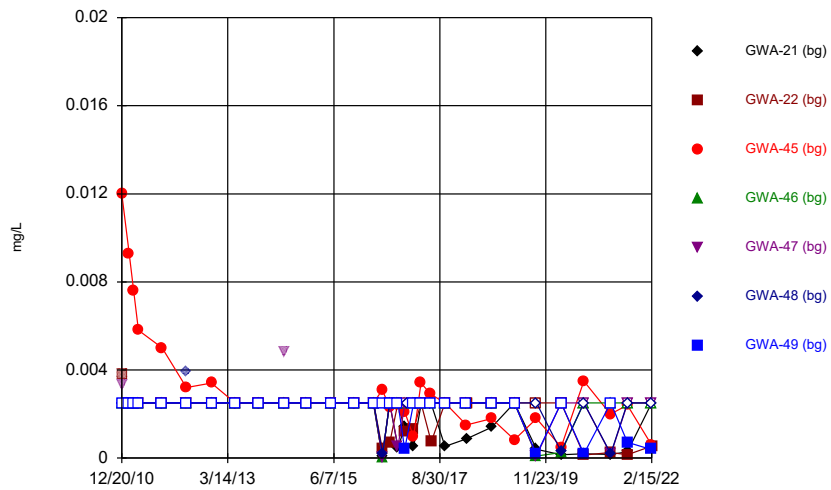
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Time Series



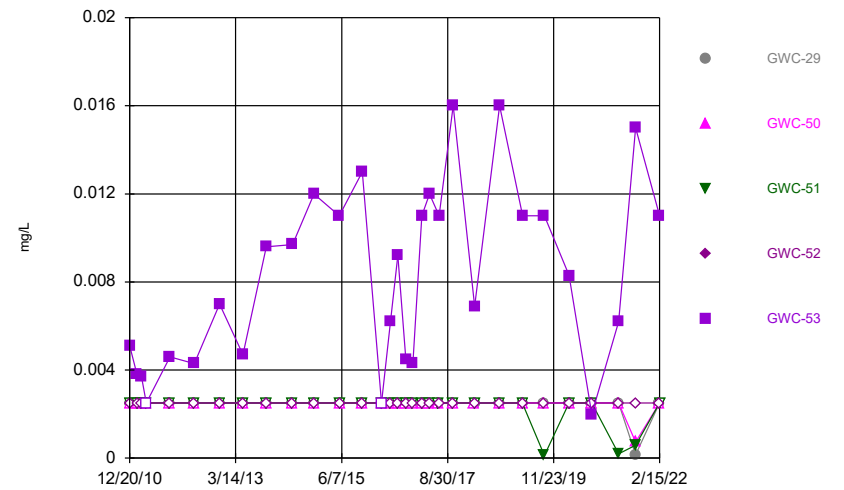
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Time Series



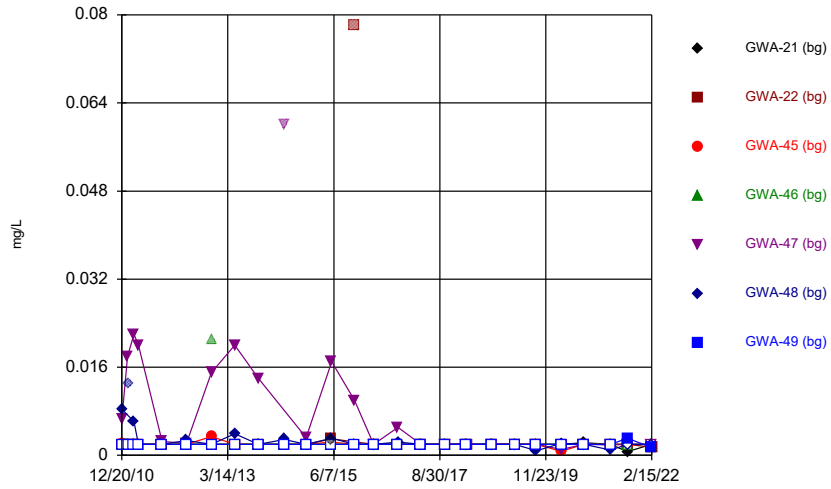
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Time Series



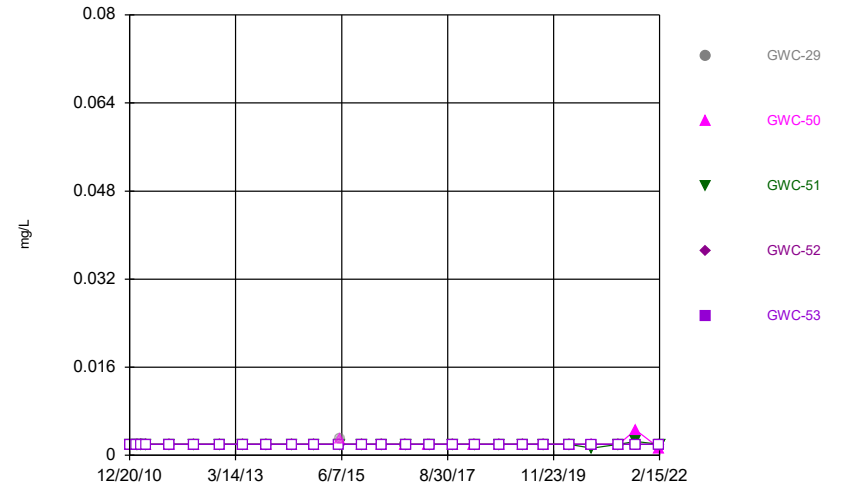
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Time Series



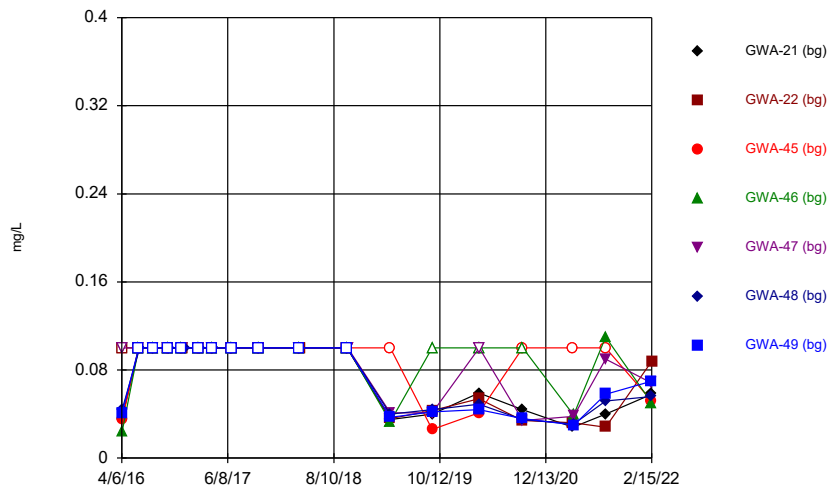
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Time Series



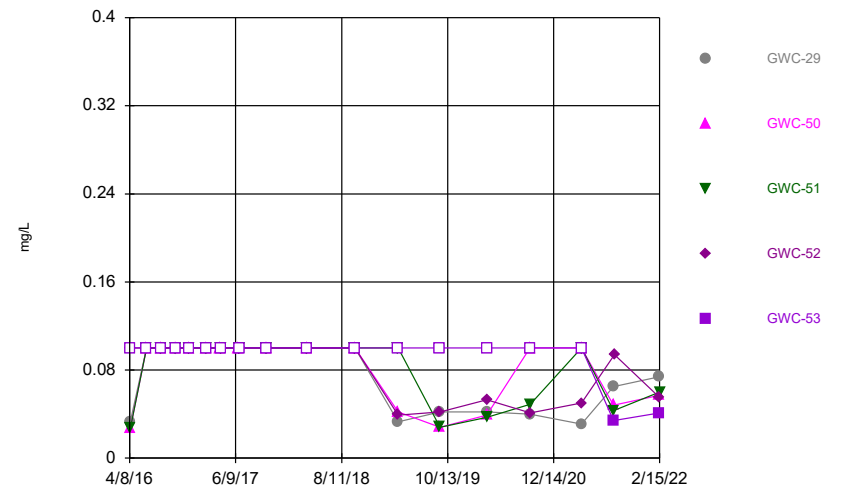
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Time Series



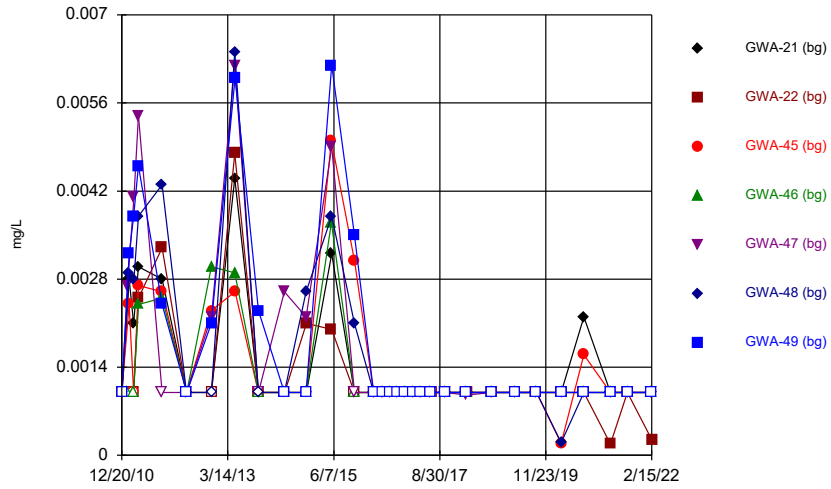
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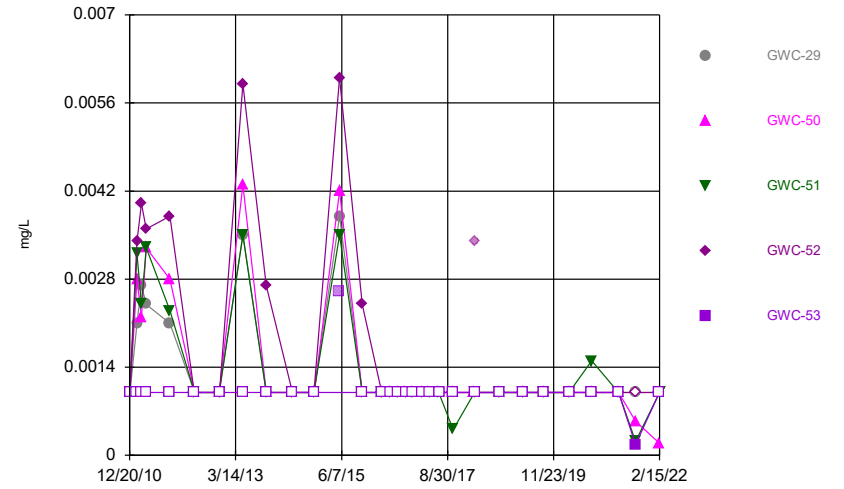
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Time Series



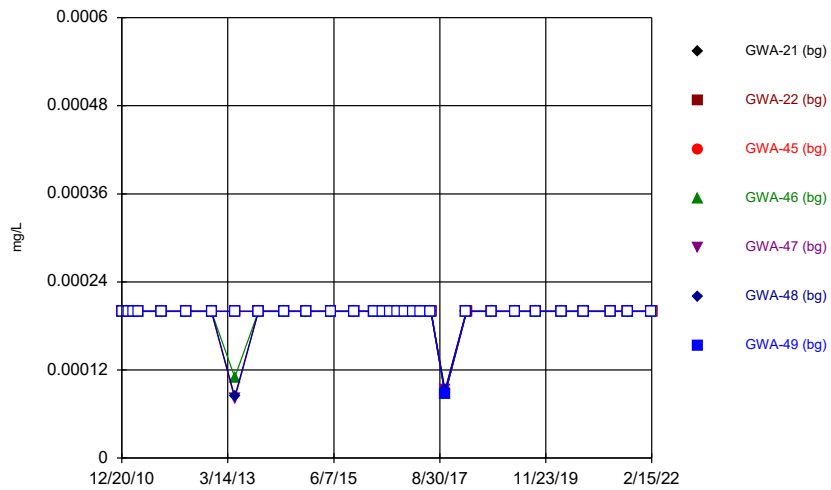
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Time Series



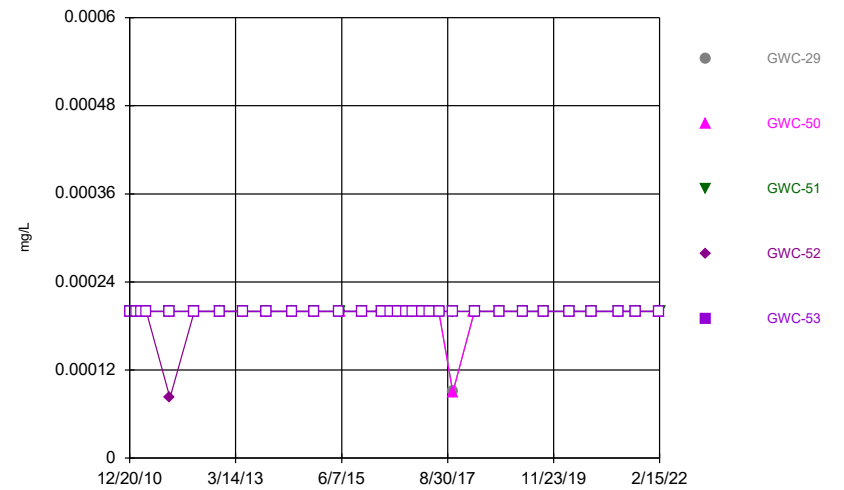
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Time Series



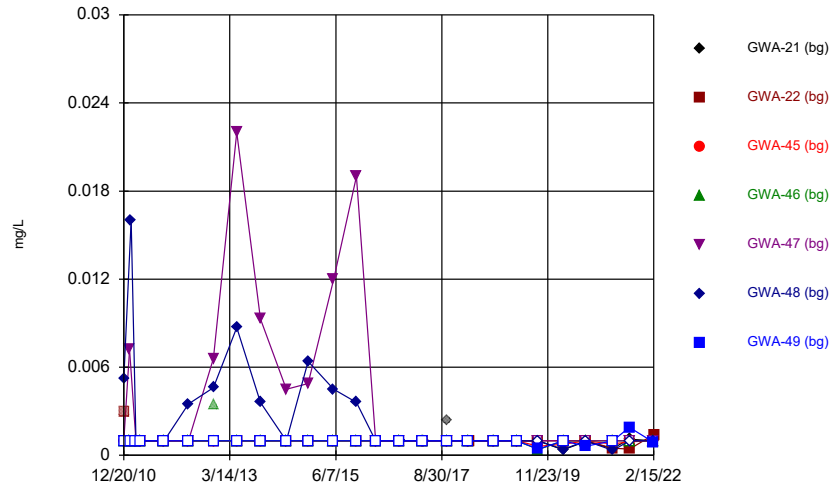
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Time Series



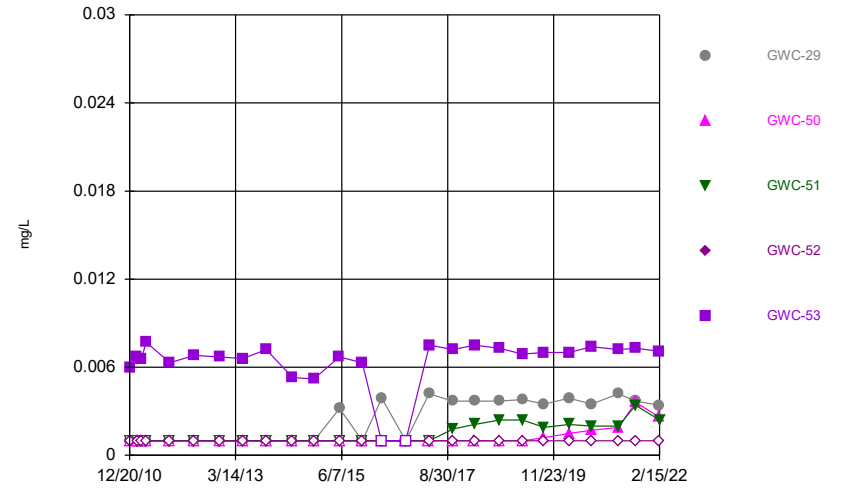
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Time Series



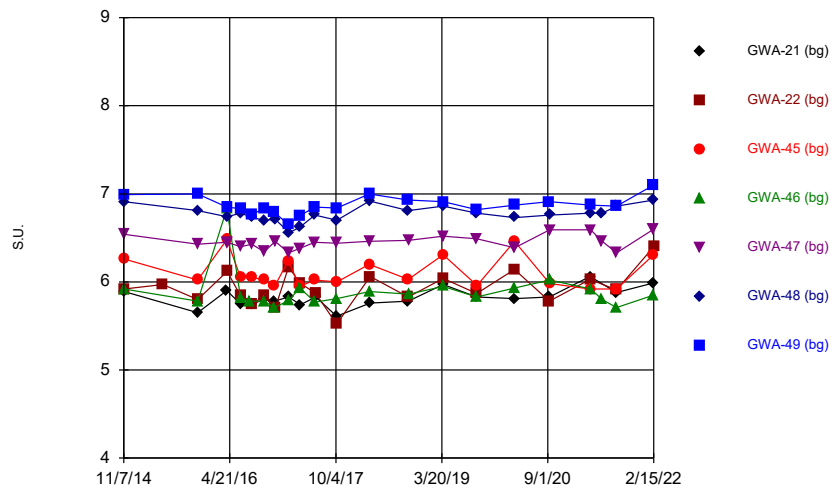
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Time Series



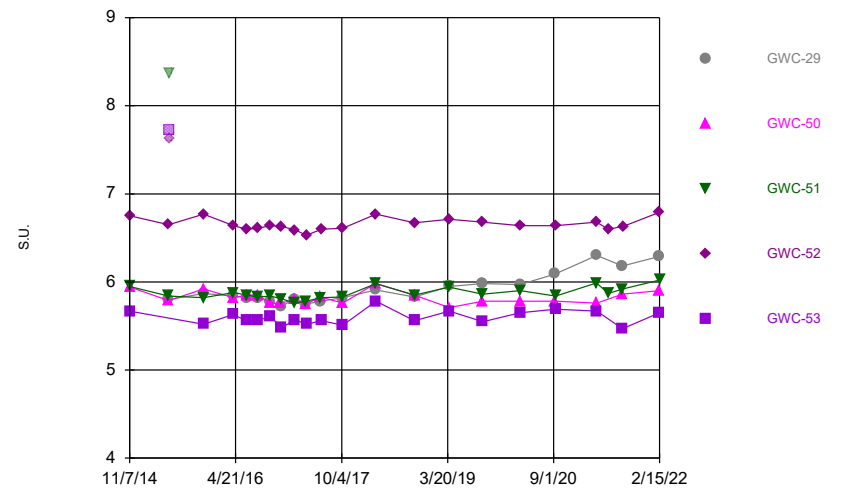
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Time Series



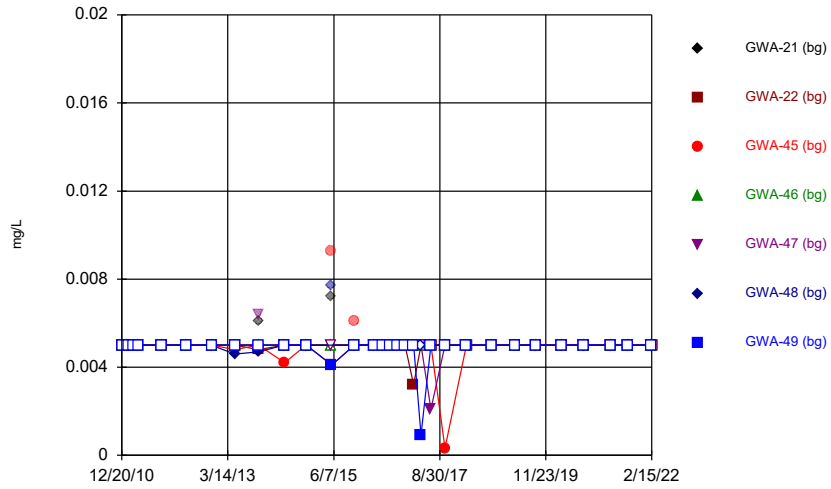
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Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



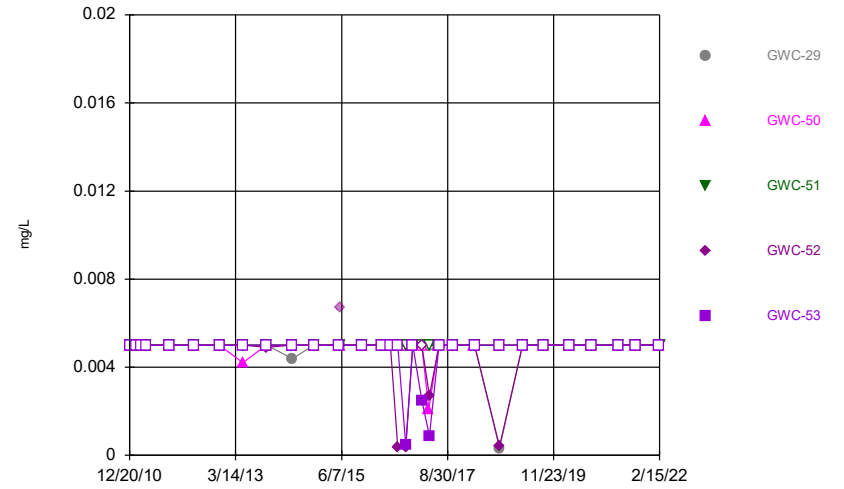
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Time Series



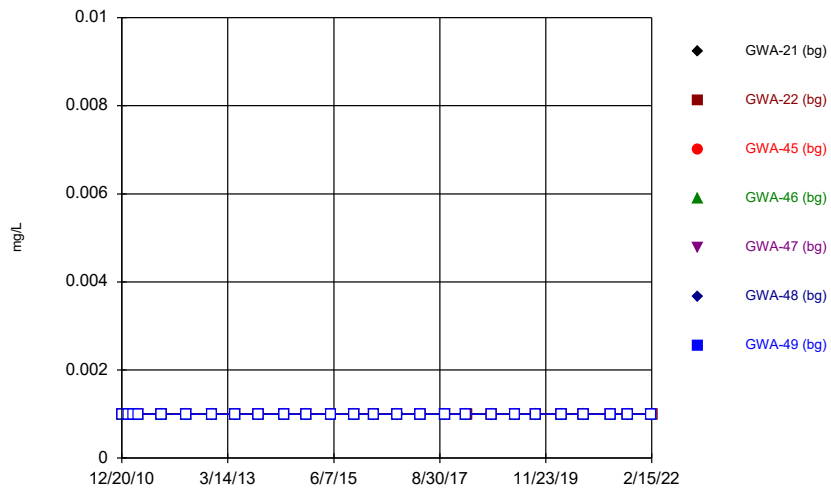
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Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



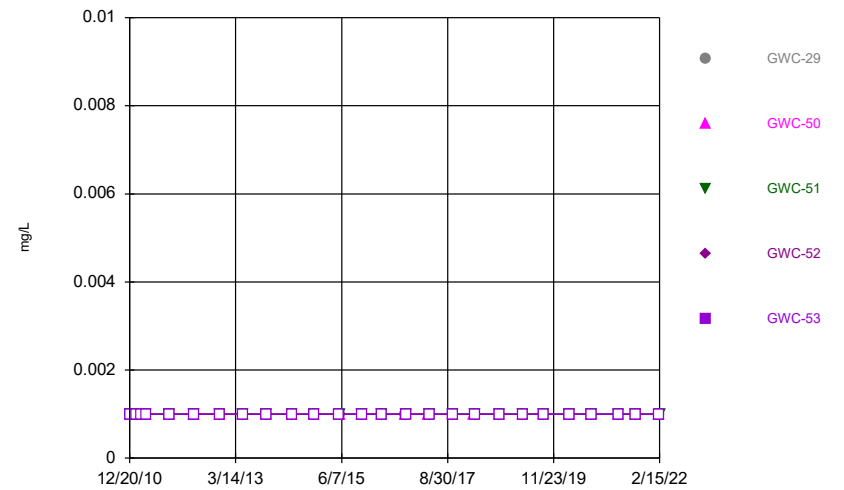
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Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



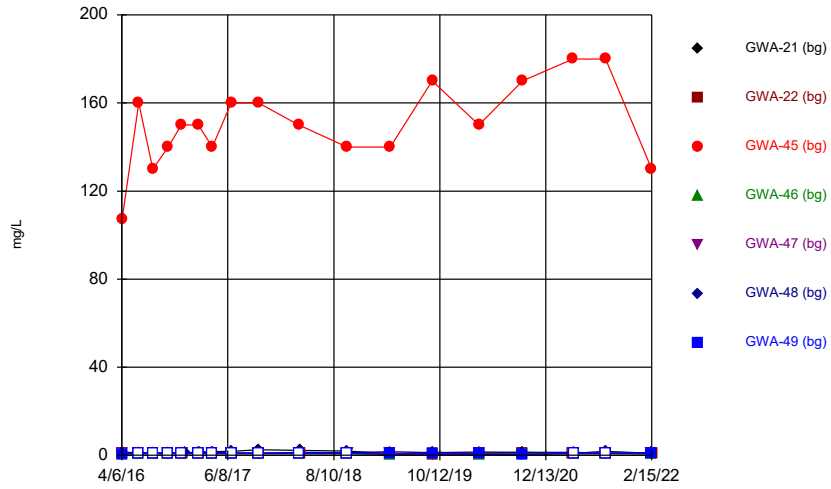
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Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



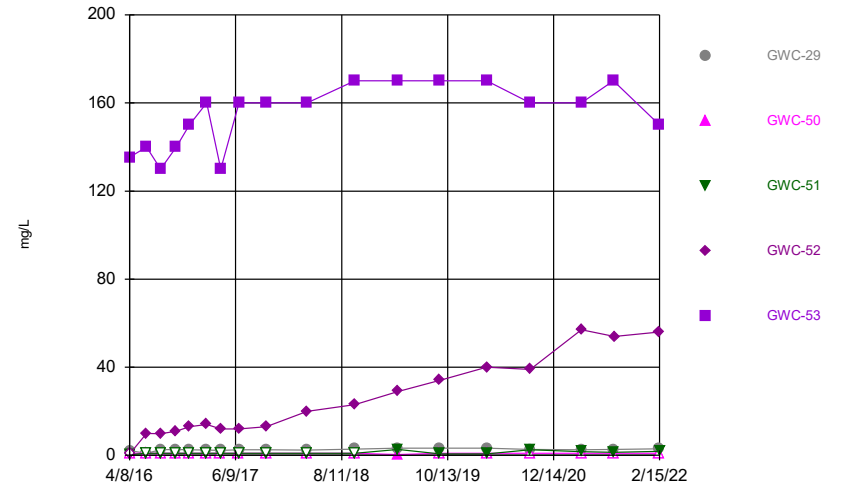
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Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



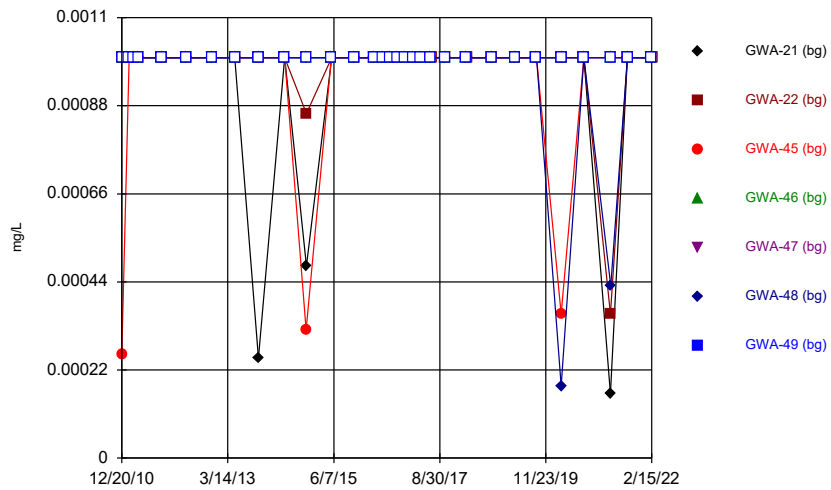
Constituent: Sulfate Analysis Run 4/7/2022 8:56 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



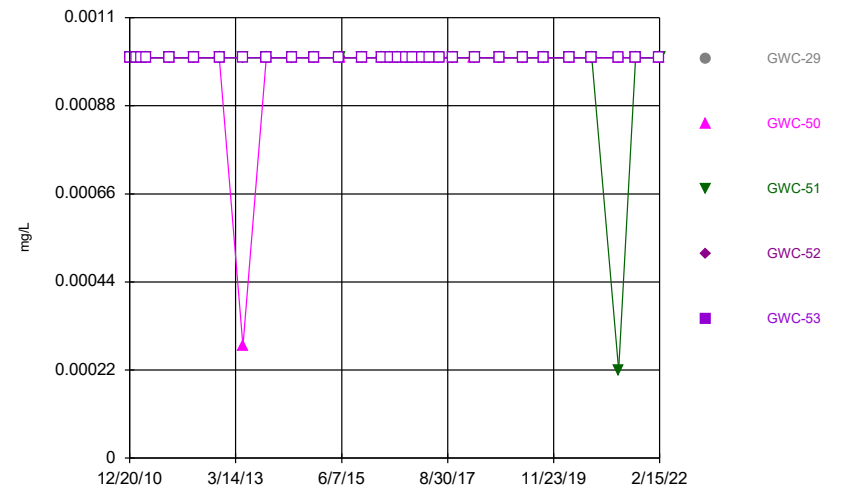
Constituent: Sulfate Analysis Run 4/7/2022 8:56 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



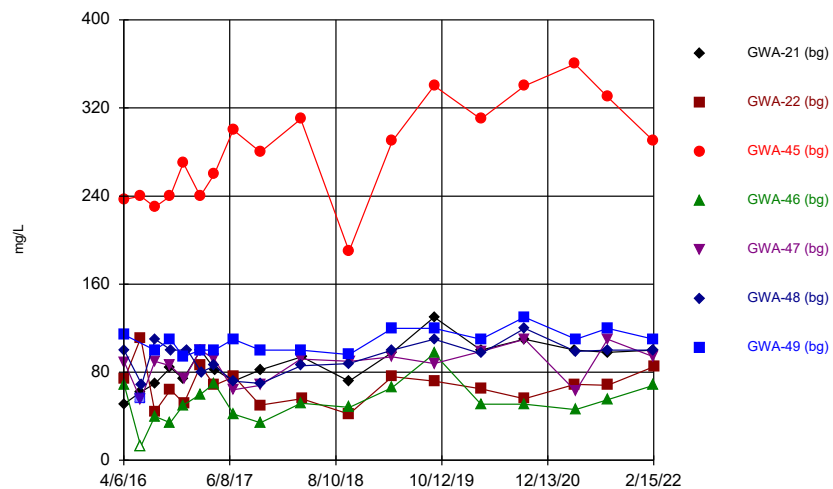
Constituent: Thallium, Total Analysis Run 4/7/2022 8:56 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



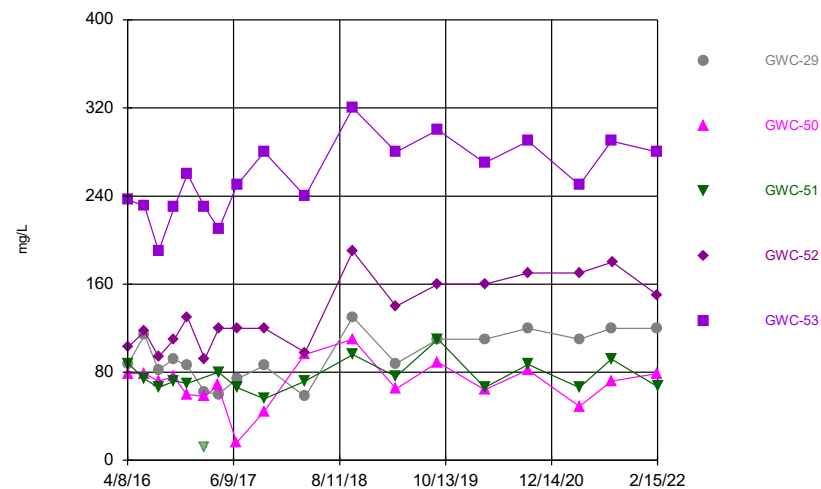
Constituent: Thallium, Total Analysis Run 4/7/2022 8:56 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



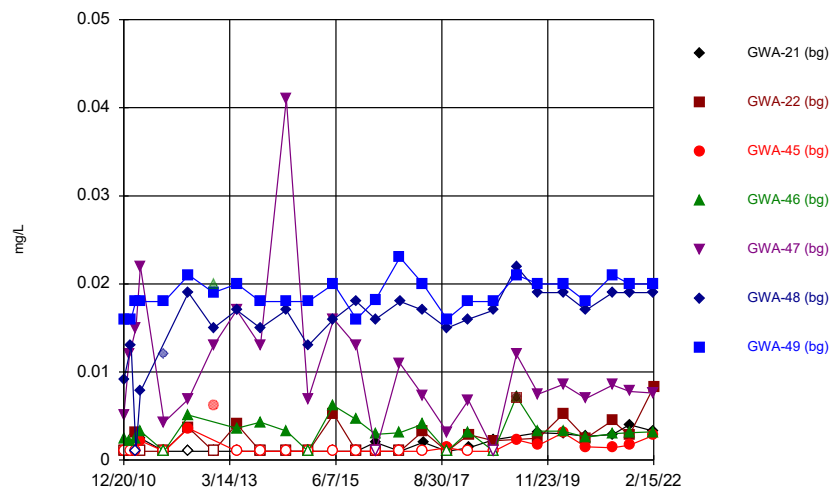
Constituent: Total Dissolved Solids Analysis Run 4/7/2022 8:56 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



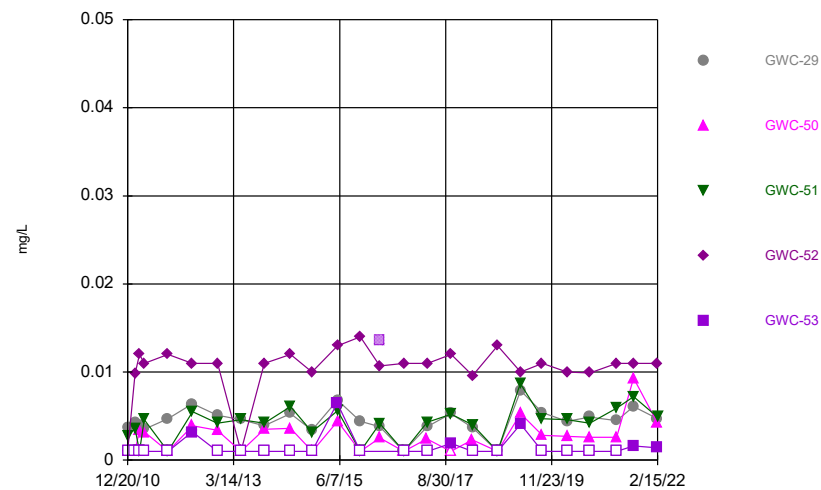
Constituent: Total Dissolved Solids Analysis Run 4/7/2022 8:56 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



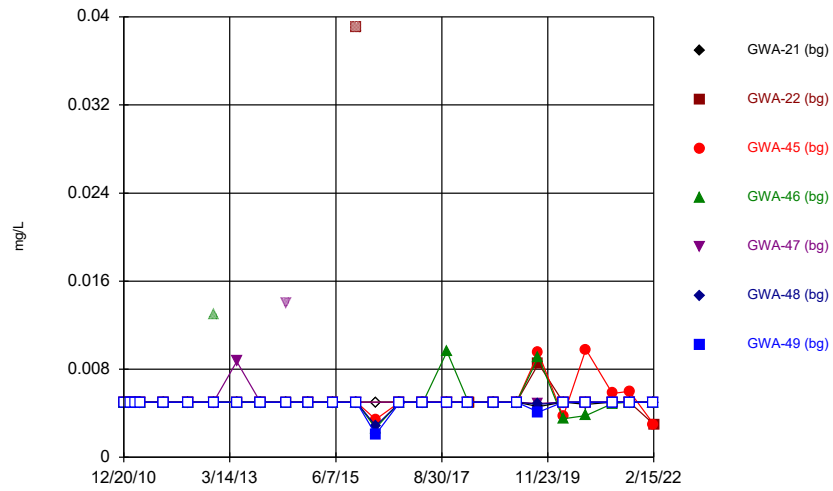
Constituent: Vanadium, Total Analysis Run 4/7/2022 8:56 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



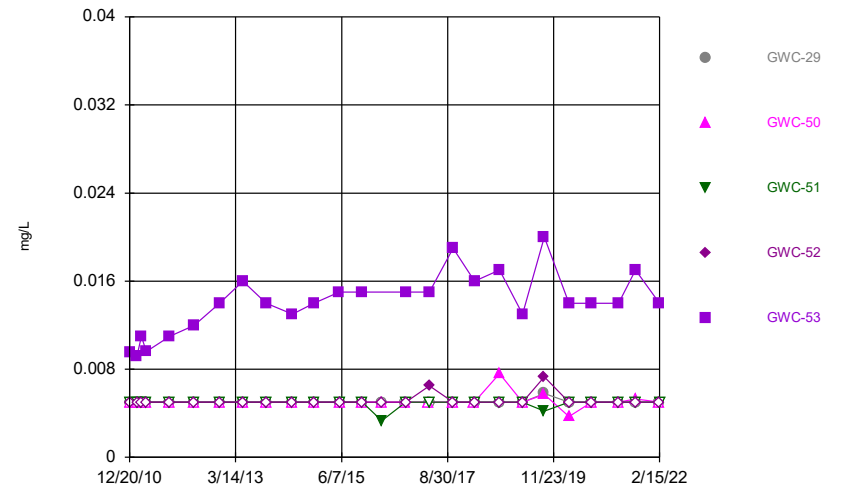
Constituent: Vanadium, Total Analysis Run 4/7/2022 8:56 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



Constituent: Zinc, Total Analysis Run 4/7/2022 8:56 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series



Constituent: Zinc, Total Analysis Run 4/7/2022 8:56 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Time Series

Constituent: Antimony, Total (mg/L) Analysis Run 4/7/2022 8:56 AM

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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 (D)			<0.002 (D)		
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 (D)		<0.002		<0.002

Time Series

Constituent: Antimony, Total (mg/L) Analysis Run 4/7/2022 8:56 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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 (D)					
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					

Time Series

Constituent: Antimony, Total (mg/L) Analysis Run 4/7/2022 8:56 AM

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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 (D)
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	

Time Series

Constituent: Antimony, Total (mg/L) Analysis Run 4/7/2022 8:56 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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		

Time Series

Constituent: Arsenic, Total (mg/L) Analysis Run 4/7/2022 8:56 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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
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
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 (D)		<0.001		<0.001
3/23/2018				<0.001		<0.001	

Time Series

Constituent: Arsenic, Total (mg/L) Analysis Run 4/7/2022 8:56 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
3/26/2018	<0.001	<0.001 (D)					
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					

Time Series

Constituent: Arsenic, Total (mg/L) Analysis Run 4/7/2022 8:56 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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
4/11/2016	<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
4/7/2017		0.00052			
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	0.0013	<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	
4/6/2021	<0.001	<0.001			<0.001

Time Series

Constituent: Arsenic, Total (mg/L) Analysis Run 4/7/2022 8:56 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
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		

Time Series

Constituent: Barium, Total (mg/L) Analysis Run 4/7/2022 8:56 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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 (O)	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 (O)	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 (J)	0.031 (J)	0.019 (J)	0.02 (J)			0.021 (J)
4/27/2011					0.043 (J)	0.015 (J)	
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		0.038	0.02			0.02
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			0.0495 (D)		0.024		0.018

Time Series

Constituent: Barium, Total (mg/L) Analysis Run 4/7/2022 8:56 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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 (D)					
10/3/2018	0.00049 (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 (L)	0.022	0.028	0.016	0.022
12/2/2019			0.11 (RL)				
3/19/2020	0.027	0.024	0.11 (L)	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 (L)	0.022	0.026	0.013	
4/2/2021	0.02	0.023	0.11 (L)				
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					

Time Series

Constituent: Barium, Total (mg/L) Analysis Run 4/7/2022 8:56 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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					<0.01
2/15/2011	0.016 (J)	0.013 (J)	0.013 (J)	0.0086 (J)	
3/21/2011				0.009 (J)	<0.01
3/22/2011	0.014 (J)	0.01 (J)	0.01 (J)		
4/27/2011	0.016 (J)	0.011 (J)	0.011 (J)		0.091 (J)
4/28/2011				0.012 (J)	
10/26/2011	0.015	0.013	0.0099 (J)	0.0093 (J)	0.1
5/1/2012				0.0048 (J)	0.095
5/2/2012	0.012	0.0084 (J)	0.0085 (J)		
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	0.044
10/11/2016	0.017	0.012			
10/13/2016			0.0088	0.012	0.049
12/2/2016		0.012			
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, Total (mg/L) Analysis Run 4/7/2022 8:56 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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		

Time Series

Constituent: Beryllium, Total (mg/L) Analysis Run 4/7/2022 8:56 AM

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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 (D)		<0.0025		<0.0025

Time Series

Constituent: Beryllium, Total (mg/L) Analysis Run 4/7/2022 8:56 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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 (D)					
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					

Time Series

Constituent: Beryllium, Total (mg/L) Analysis Run 4/7/2022 8:56 AM

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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	

Time Series

Constituent: Beryllium, Total (mg/L) Analysis Run 4/7/2022 8:56 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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		

Time Series

Constituent: Boron (mg/L) Analysis Run 4/7/2022 8:56 AM

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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)	<0.08	0.12	<0.08	0.00079 (J)		<0.08
6/17/2016						<0.08	
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 (D)					
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					

Time Series

Constituent: Boron (mg/L) Analysis Run 4/7/2022 8:56 AM

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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			<0.08	<0.08	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		

Time Series

Constituent: Cadmium, Total (mg/L) Analysis Run 4/7/2022 8:56 AM

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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	<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 (D)		<0.0025		<0.0025

Time Series

Constituent: Cadmium, Total (mg/L) Analysis Run 4/7/2022 8:56 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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 (D)					
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					

Time Series

Constituent: Cadmium, Total (mg/L) Analysis Run 4/7/2022 8:56 AM

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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	<0.0025	<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	

Time Series

Constituent: Cadmium, Total (mg/L) Analysis Run 4/7/2022 8:56 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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		

Time Series

Constituent: Calcium (mg/L) Analysis Run 4/7/2022 8:56 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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 (D)		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					

Time Series

Constituent: Calcium (mg/L) Analysis Run 4/7/2022 8:56 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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	15	19
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		

Time Series

Constituent: Chloride (mg/L) Analysis Run 4/7/2022 8:56 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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	3.1	1.7		2.3
6/17/2016						1.9	
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 (D)		1.3		1.9
3/23/2018				3.6		1.6	
3/26/2018	3.8	1.9 (D)					
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		
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					

Time Series

Constituent: Chloride (mg/L) Analysis Run 4/7/2022 8:56 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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		

Time Series

Constituent: Chromium, Total (mg/L) Analysis Run 4/7/2022 8:56 AM

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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 (J)	<0.002	0.0037 (J)			0.0065
4/27/2011					0.011	<0.002	
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 (J)			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 (J)	0.0055 (J)	<0.002	0.0056 (J)			
11/5/2013					0.023	0.0057 (J)	0.0044 (J)
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 (O)	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 (O)	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		<0.002			<0.002		
6/14/2016	<0.002	<0.002	<0.002	<0.002	<0.002		<0.002
6/17/2016						<0.002	
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 (D)		0.0074		0.0051

Time Series

Constituent: Chromium, Total (mg/L) Analysis Run 4/7/2022 8:56 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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	0.0092	<0.002	0.0051	0.0088	0.0085	0.0075
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					

Time Series

Constituent: Chromium, Total (mg/L) Analysis Run 4/7/2022 8:56 AM

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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	0.0038 (J)	0.0042 (J)		<0.002
4/28/2011				0.0076	
10/26/2011	<0.002	0.0039 (J)	0.0042 (J)	0.0078	0.0033 (J)
5/1/2012				0.0049 (J)	0.0025 (J)
5/2/2012	<0.002	0.0044 (J)	0.0037 (J)		
11/8/2012	<0.002	0.0026 (J)	<0.002		
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 (J)	0.0063 (J)	0.0063 (J)	0.013	0.0035 (J)
5/24/2014	0.0027 (J)	0.0061 (J)	0.003 (J)	0.012	0.0027 (J)
11/7/2014	<0.002		<0.002	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					<0.002
4/11/2016	<0.002	0.00479 (J)	0.00309 (J)	0.0101	
6/15/2016	<0.002	<0.002			
6/16/2016			<0.002	<0.002	<0.002
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 (J)	0.006	0.0043	0.027	0.002 (J)
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	

Time Series

Constituent: Chromium, Total (mg/L) Analysis Run 4/7/2022 8:56 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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		

Time Series

Constituent: Cobalt, Total (mg/L) Analysis Run 4/7/2022 8:56 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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	<0.0025	0.0033 (O)		
12/21/2010						<0.0025	<0.0025
12/22/2010	<0.0025	0.0038 (O)					
2/1/2011				<0.0025	<0.0025		
2/14/2011	<0.0025	<0.0025	0.0093 (J)			<0.0025	<0.0025
3/21/2011			0.0076 (J)	<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 (J)	<0.0025			<0.0025
4/27/2011					<0.0025	<0.0025	
10/25/2011						<0.0025	
10/26/2011			0.005 (J)		<0.0025		<0.0025
10/27/2011	<0.0025	<0.0025		<0.0025			
5/1/2012	<0.0025	<0.0025	0.0032 (J)		<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 (O)	<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 (JD)		<0.0025		<0.0025

Time Series

Constituent: Cobalt, Total (mg/L) Analysis Run 4/7/2022 8:56 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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 (D)					
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)					

Time Series

Constituent: Cobalt, Total (mg/L) Analysis Run 4/7/2022 8:56 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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 (J)
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					<0.0025
4/11/2016	<0.0025	<0.0025	<0.0025	<0.0025	
6/15/2016	<0.0025	<0.0025			
6/16/2016			<0.0025	<0.0025	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	

Time Series

Constituent: Cobalt, Total (mg/L) Analysis Run 4/7/2022 8:56 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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		

Time Series

Constituent: Copper, Total (mg/L) Analysis Run 4/7/2022 8:56 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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	
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 (J)	0.0027 (J)	
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 (O)	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 (D)		<0.002		<0.002
3/23/2018				<0.002		<0.002	
3/26/2018	<0.002	<0.002 (D)					
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)	

Time Series

Constituent: Copper, Total (mg/L) Analysis Run 4/7/2022 8:56 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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)					

Time Series

Constituent: Copper, Total (mg/L) Analysis Run 4/7/2022 8:56 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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 (O)	0.0031 (O)	<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		

Time Series

Constituent: Fluoride (mg/L) Analysis Run 4/7/2022 8:56 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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		<0.1			<0.1		
6/14/2016	<0.1	<0.1	<0.1	<0.1	<0.1		<0.1
6/17/2016						<0.1	
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 (D)		<0.1		<0.1
3/23/2018				<0.1		<0.1	
3/26/2018	<0.1	<0.1 (D)					
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)					

Time Series

Constituent: Fluoride (mg/L) Analysis Run 4/7/2022 8:56 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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 (J)	0.048 (J)	0.043 (J)		0.034 (J)
8/17/2021				0.094 (J)	
2/14/2022	0.074 (J)	0.057 (J)		0.055 (J)	0.041 (J)
2/15/2022			0.06 (J)		

Time Series

Constituent: Lead, Total (mg/L) Analysis Run 4/7/2022 8:56 AM

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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)	<0.001					
3/23/2011					0.0041 (J)	0.0028 (J)	
4/26/2011	0.003 (J)	0.0025 (J)	0.0027 (J)	0.0024 (J)			0.0046 (J)
4/27/2011					0.0054	0.0038 (J)	
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 (D)		0.00096 (J)		<0.001

Time Series

Constituent: Lead, Total (mg/L) Analysis Run 4/7/2022 8:56 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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 (D)					
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)					

Time Series

Constituent: Lead, Total (mg/L) Analysis Run 4/7/2022 8:56 AM

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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 (J)	0.0033 (J)	0.0033 (J)		<0.001
4/28/2011				0.0036 (J)	
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 (O)
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	

Time Series

Constituent: Lead, Total (mg/L) Analysis Run 4/7/2022 8:56 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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		

Time Series

Constituent: Mercury, Total (mg/L) Analysis Run 4/7/2022 8:56 AM

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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	<0.0002	<0.0002	<0.0002		<0.0002
8/10/2016	<0.0002					<0.0002	
10/10/2016			<0.0002	<0.0002			
10/11/2016	<0.0002	<0.0002			<0.0002		<0.0002
10/14/2016						<0.0002	
12/2/2016	<0.0002		<0.0002	<0.0002			<0.0002
12/5/2016		<0.0002			<0.0002		
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 (J)	8.7E-05 (J)					
10/10/2017			8.9E-05 (J)	8.8E-05 (J)	9.2E-05 (J)	9.2E-05 (J)	8.8E-05 (J)
3/22/2018			<0.0002 (D)		<0.0002		<0.0002

Time Series

Constituent: Mercury, T Total (mg/L) Analysis Run 4/7/2022 8:56 AM

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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	<0.0002 (X)	<0.0002 (D)					
10/3/2018	<0.0002 (X)	<0.0002 (X)	<0.0002 (X)			<0.0002 (X)	<0.0002 (X)
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					

Time Series

Constituent: Mercury, Total (mg/L) Analysis Run 4/7/2022 8:56 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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	<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	<0.0002	<0.0002	<0.0002		
8/11/2016				<0.0002	<0.0002
10/11/2016	<0.0002	<0.0002			
10/13/2016			<0.0002	<0.0002	<0.0002
12/2/2016		<0.0002			
12/5/2016	<0.0002		<0.0002	<0.0002	
12/6/2016					<0.0002
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 (J)	8.9E-05 (J)			
10/11/2017			<0.0002	<0.0002	<0.0002
3/23/2018		<0.0002 (X)			
3/26/2018	<0.0002		<0.0002	<0.0002	<0.0002 (X)
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	

Time Series

Constituent: Mercury, T Total (mg/L) Analysis Run 4/7/2022 8:56 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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		

Time Series

Constituent: Nickel, Total (mg/L) Analysis Run 4/7/2022 8:56 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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						0.0052	<0.001
12/22/2010	<0.001	0.003 (O)					
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					<0.001	<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	0.0035 (J)	
5/2/2012				<0.001			<0.001
11/8/2012	<0.001	<0.001	<0.001	0.0035 (O)	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 (O)	<0.001					
10/10/2017			<0.001	<0.001	<0.001	<0.001	<0.001
3/22/2018			<0.001 (D)		<0.001		<0.001
3/23/2018				<0.001		<0.001	
3/26/2018	<0.001	<0.001 (D)					
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)	

Time Series

Constituent: Nickel, Total (mg/L) Analysis Run 4/7/2022 8:56 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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					

Time Series

Constituent: Nickel, Total (mg/L) Analysis Run 4/7/2022 8:56 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
12/20/2010					0.006
12/21/2010				<0.001	
12/22/2010	<0.001	<0.001	<0.001		
2/14/2011					0.0067
2/15/2011	<0.001	<0.001	<0.001	<0.001	
3/21/2011				<0.001	0.0066
3/22/2011	<0.001	<0.001	<0.001		
4/27/2011	<0.001	<0.001	<0.001		0.0077
4/28/2011				<0.001	
10/26/2011	<0.001	<0.001	<0.001	<0.001	0.0063
5/1/2012				<0.001	0.0068
5/2/2012	<0.001	<0.001	<0.001		
11/8/2012	<0.001	<0.001	<0.001		
11/9/2012				<0.001	0.0067
5/8/2013	<0.001	<0.001	<0.001	<0.001	0.0066
11/4/2013	<0.001	<0.001	<0.001	<0.001	0.0072
5/24/2014	<0.001	<0.001	<0.001	<0.001	0.0053
11/7/2014	<0.001		<0.001	<0.001	0.0052
11/8/2014		<0.001			
5/20/2015					0.0067
5/22/2015	0.0032 (J)	<0.001	<0.001	<0.001	
11/13/2015	<0.001	<0.001	<0.001	<0.001	0.0063
4/8/2016					<0.001
4/11/2016	0.00388 (J)	<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	0.0042		<0.001		
4/11/2017				<0.001	0.0075
10/10/2017	0.0037	<0.001			
10/11/2017			0.0018 (J)	<0.001	0.0072
3/23/2018		<0.001			
3/26/2018	0.0037		0.0021 (J)	<0.001	0.0075
10/4/2018	0.0037	<0.001	0.0024 (J)	<0.001	0.0073
3/27/2019			0.0024 (J)		
3/28/2019	0.0038	<0.001		<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	0.0019			0.0072
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		

Time Series

Constituent: pH (S.U.) Analysis Run 4/7/2022 8:56 AM

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
11/7/2014			6.26	5.92	6.54	6.91	6.99
11/8/2014	5.89	5.92					
5/21/2015		5.97					
11/12/2015					6.43	6.81	7
11/13/2015	5.65	5.8	6.02	5.78			
4/6/2016	5.9 (D)						
4/7/2016			6.48	6.83	6.45 (D)	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		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				5.77			
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
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					

Time Series

Constituent: pH (S.U.) Analysis Run 4/7/2022 8:56 AM

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
11/7/2014			5.95	6.75	5.67
11/8/2014		5.94			
5/22/2015	5.8	5.79	5.84	6.65	
5/25/2015			8.36 (o)	7.63 (o)	7.725 (oD)
11/13/2015	5.87	5.92	5.82	6.77	5.52
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			
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		

Time Series

Constituent: Selenium, Total (mg/L) Analysis Run 4/7/2022 8:56 AM

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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	<0.005	<0.005	<0.005	<0.005
5/7/2013	<0.005	<0.005		<0.005	<0.005	0.0046	
5/8/2013			0.0048				<0.005
11/4/2013	0.0061 (O)	0.0048	<0.005	<0.005			
11/5/2013					0.0064 (O)	0.0047	<0.005
5/23/2014					<0.005	<0.005	<0.005
5/24/2014	<0.005	<0.005	0.0042	<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 (O)	<0.005			
5/21/2015	0.0072 (O)	0.0041			<0.005	0.0077 (O)	0.0041
11/12/2015					<0.005	<0.005	<0.005
11/13/2015	<0.005	<0.005	0.0061 (O)	<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			<0.005		0.0021	<0.005	<0.005
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 (D)		<0.005		<0.005

Time Series

Constituent: Selenium, Total (mg/L) Analysis Run 4/7/2022 8:56 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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 (D)					
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					

Time Series

Constituent: Selenium, Total (mg/L) Analysis Run 4/7/2022 8:56 AM

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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	<0.005	<0.005	<0.005
11/4/2013	<0.005	<0.005	<0.005	0.0049	<0.005
5/24/2014	0.0044	<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 (O)	
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	

Time Series

Constituent: Selenium, Total (mg/L) Analysis Run 4/7/2022 8:56 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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		

Time Series

Constituent: Silver, Total (mg/L) Analysis Run 4/7/2022 8:56 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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 (D)		<0.001		<0.001
3/23/2018				<0.001		<0.001	
3/26/2018	<0.001	<0.001 (D)					
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	

Time Series

Constituent: Silver, Total (mg/L) Analysis Run 4/7/2022 8:56 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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					

Time Series

Constituent: Silver, Total (mg/L) Analysis Run 4/7/2022 8:56 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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		

Time Series

Constituent: Sulfate (mg/L) Analysis Run 4/7/2022 8:56 AM

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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			<1		
6/14/2016	<1	<1	160	<1	<1		<1
6/17/2016						1.1	
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 (D)		<1		<1
3/23/2018				<1		1.3	
3/26/2018	2.3	<1 (D)					
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)					

Time Series

Constituent: Sulfate (mg/L) Analysis Run 4/7/2022 8:56 AM

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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	<1	<1			
6/16/2016			<1	10	140
8/10/2016	2.5	<1	<1		
8/11/2016				9.8	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	
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		

Time Series

Constituent: Thallium, Total (mg/L) Analysis Run 4/7/2022 8:56 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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	<0.001	<0.001	<0.001	<0.001
11/8/2014	0.00048	0.00086					
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 (D)		<0.001		<0.001

Time Series

Constituent: Thallium, Total (mg/L) Analysis Run 4/7/2022 8:56 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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 (D)					
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 (J)	<0.001		0.00018 (J)	<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					

Time Series

Constituent: Thallium, Total (mg/L) Analysis Run 4/7/2022 8:56 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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	<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	

Time Series

Constituent: Thallium, Total (mg/L) Analysis Run 4/7/2022 8:56 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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		

Time Series

Constituent: Total Dissolved Solids (mg/L) Analysis Run 4/7/2022 8:56 AM

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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					

Time Series

Constituent: Total Dissolved Solids (mg/L) Analysis Run 4/7/2022 8:56 AM

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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 (J)		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		

Time Series

Constituent: Vanadium, Total (mg/L) Analysis Run 4/7/2022 8:56 AM

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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	0.0024 (J)	0.0051 (J)		
12/21/2010						0.0091 (J)	0.016
12/22/2010	<0.001	<0.001					
2/1/2011				0.0021 (J)	0.012		
2/14/2011	<0.001	<0.001	<0.001			0.013	0.016
3/21/2011			<0.001	0.0025 (J)			0.018
3/22/2011	0.0028 (J)	0.0032 (J)					
3/23/2011					0.015	<0.001	
4/26/2011	0.0025 (J)	<0.001	0.0022 (J)	0.0033 (J)			0.018
4/27/2011					0.022	0.0078 (J)	
10/25/2011						0.012 (O)	
10/26/2011			<0.001		0.0043 (J)		0.018
10/27/2011	<0.001	<0.001		<0.001			
5/1/2012	<0.001	0.0037 (J)	0.0036 (J)		0.0069 (J)	0.019	
5/2/2012				0.0051 (J)			0.021
11/8/2012	<0.001	<0.001	0.0062 (O)	0.02 (O)	0.013	0.015	0.019
5/7/2013	<0.001	0.0041 (J)		0.0036 (J)	0.017	0.017	
5/8/2013			<0.001				0.02
11/4/2013	<0.001	<0.001	<0.001	0.0043 (J)			
11/5/2013					0.013	0.015	0.018
5/23/2014					0.041	0.017	0.018
5/24/2014	<0.001	<0.001	<0.001	0.0033 (J)			
11/7/2014			<0.001	<0.001	0.0069 (J)	0.013	0.018
11/8/2014	<0.001	<0.001					
5/20/2015			<0.001	0.0062 (J)			
5/21/2015	<0.001	0.0052 (J)			0.016	0.016	0.02
11/12/2015					0.013	0.018	0.016
11/13/2015	<0.001	<0.001	<0.001	0.0046 (J)			
4/6/2016	0.00201 (J)						
4/7/2016			<0.001	0.00293 (J)		0.016	0.0182
4/8/2016		<0.001 (D)			<0.001 (D)		
10/10/2016			<0.001	0.0031			
10/11/2016	<0.001	<0.001			0.011		0.023
10/14/2016						0.018	
4/7/2017		0.0033	<0.001	0.0041	0.0073	0.017	0.02
4/10/2017	0.002 (J)						
10/9/2017	<0.001	<0.001					
10/10/2017			0.0014 (J)	<0.001	0.0032	0.015	0.016
3/22/2018			<0.001 (D)		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)	<0.001			0.017	0.018
10/4/2018				<0.001 (X)			
10/5/2018					<0.001 (X)		
3/27/2019	0.0072 (O)	0.0071 (O)	0.0023 (J)	0.0072	0.012	0.022	0.021
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	

Time Series

Constituent: Vanadium, Total (mg/L) Analysis Run 4/7/2022 8:56 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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					

Time Series

Constituent: Vanadium, Total (mg/L) Analysis Run 4/7/2022 8:56 AM

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
12/20/2010					<0.001
12/21/2010				<0.001	
12/22/2010	0.0037 (J)	<0.001	0.0027 (J)		
2/14/2011					<0.001
2/15/2011	0.0043 (J)	<0.001	0.0036 (J)	0.0098 (J)	
3/21/2011				0.012	<0.001
3/22/2011	0.0039 (J)	0.0034 (J)	<0.001		
4/27/2011	0.0035 (J)	0.0032 (J)	0.0046 (J)		<0.001
4/28/2011				0.011	
10/26/2011	0.0047 (J)	<0.001	<0.001	0.012	<0.001
5/1/2012				0.011	0.0032 (J)
5/2/2012	0.0064 (J)	0.0039 (J)	0.0055 (J)		
11/8/2012	0.0051 (J)	0.0034 (J)	0.0042 (J)		
11/9/2012				0.011	<0.001
5/8/2013	0.0046 (J)	<0.001	0.0046 (J)	<0.001	<0.001
11/4/2013	0.0039 (J)	0.0035 (J)	0.0042 (J)	0.011	<0.001
5/24/2014	0.0053 (J)	0.0036 (J)	0.0061 (J)	0.012	<0.001
11/7/2014	0.0034 (J)		0.0032 (J)	0.01	<0.001
11/8/2014		<0.001			
5/20/2015					0.0065
5/22/2015	0.0068 (J)	0.0044 (J)	0.0056 (J)	0.013	
11/13/2015	0.0044 (J)	<0.001	<0.001	0.014	<0.001
4/8/2016					0.0136 (O)
4/11/2016	0.00381 (J)	0.00254 (J)	0.00415 (J)	0.0107	
10/11/2016	<0.001	<0.001			
10/13/2016			<0.001	0.011	<0.001
4/7/2017		0.0024 (J)			
4/10/2017	0.0038		0.0043		
4/11/2017				0.011	<0.001
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	<0.001
10/4/2018	<0.001 (X)	<0.001 (X)	<0.001 (X)	0.013	<0.001 (X)
3/27/2019			0.0087		
3/28/2019	0.0079	0.0053		0.01	0.0041
9/12/2019	0.0054	0.0028	0.0047	0.011	<0.001
3/19/2020	0.0044	0.0027	0.0046	0.01	<0.001
9/10/2020	0.0049	0.0026			
9/11/2020			0.0042	0.0099	<0.001
4/5/2021			0.0059	0.011	
4/6/2021	0.0045	0.0026			<0.001
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		

Time Series

Constituent: Zinc, Total (mg/L) Analysis Run 4/7/2022 8:56 AM

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
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)					

Time Series

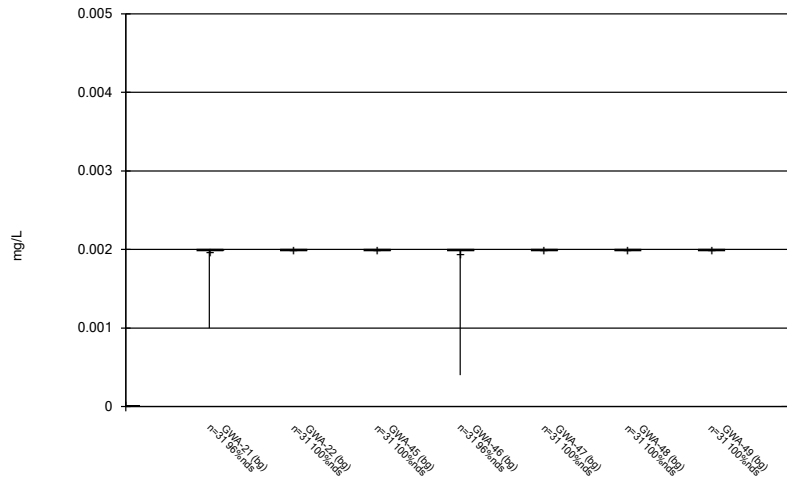
Constituent: Zinc, Total (mg/L) Analysis Run 4/7/2022 8:56 AM

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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 (J)
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 (J)
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)
4/11/2016	<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	<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	0.0057	0.0042 (J)	0.0073	0.02
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		

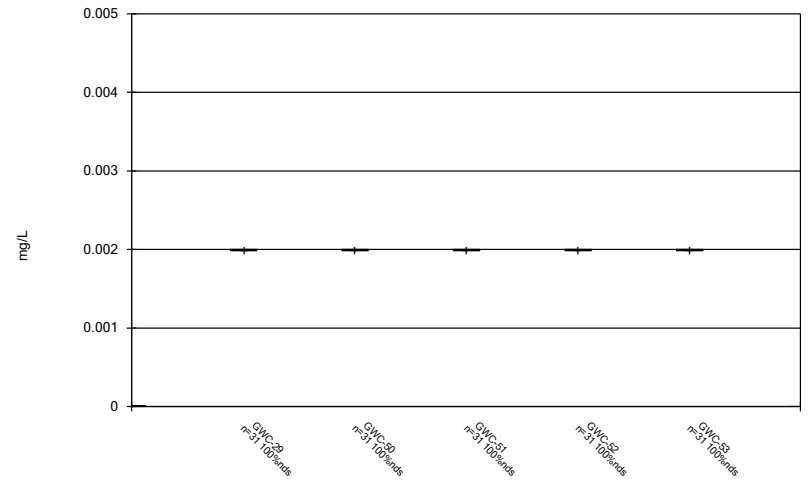
FIGURE B.

Box & Whiskers Plot



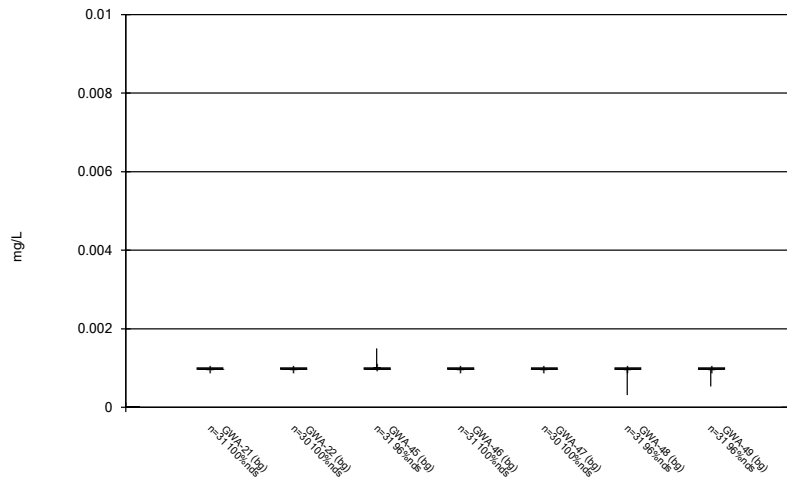
Constituent: Antimony, Total Analysis Run 4/7/2022 8:56 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



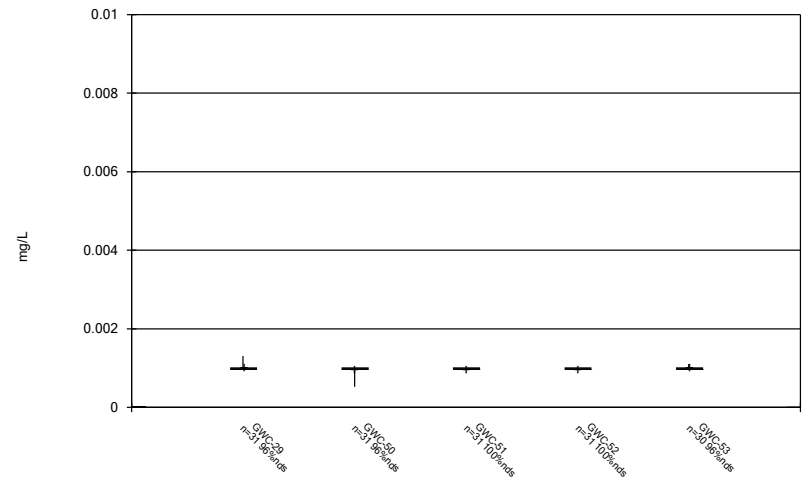
Constituent: Antimony, Total Analysis Run 4/7/2022 8:56 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



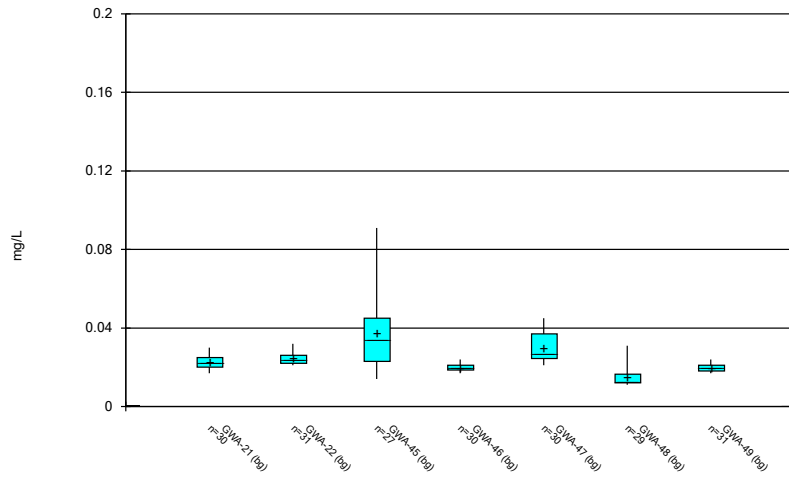
Constituent: Arsenic, Total Analysis Run 4/7/2022 8:56 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



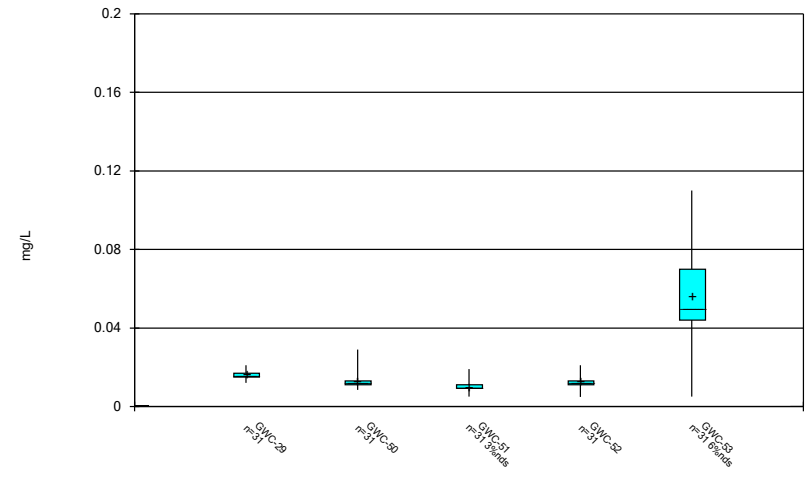
Constituent: Arsenic, Total Analysis Run 4/7/2022 8:56 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



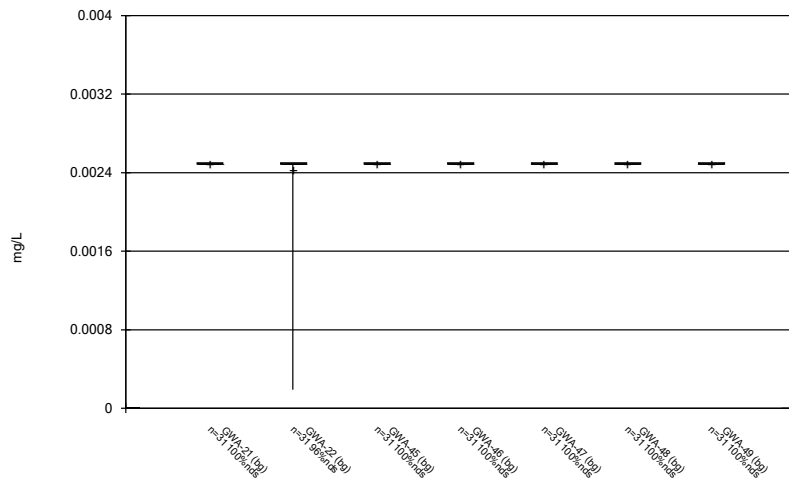
Constituent: Barium, Total Analysis Run 4/7/2022 8:56 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



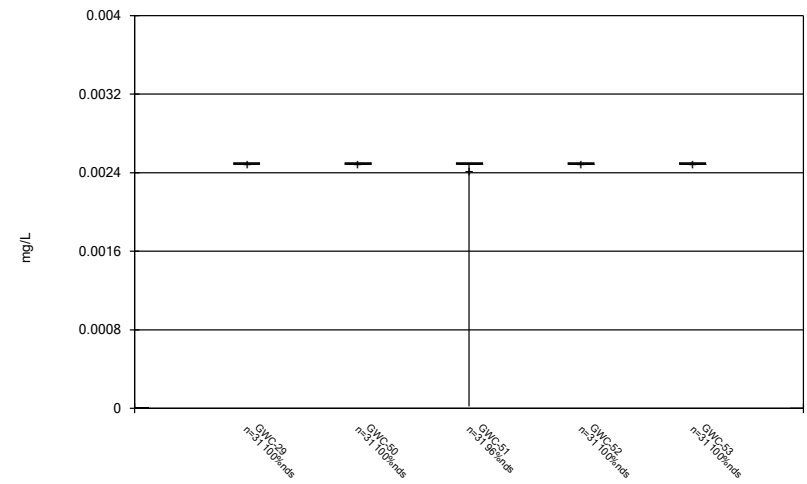
Constituent: Barium, Total Analysis Run 4/7/2022 8:56 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



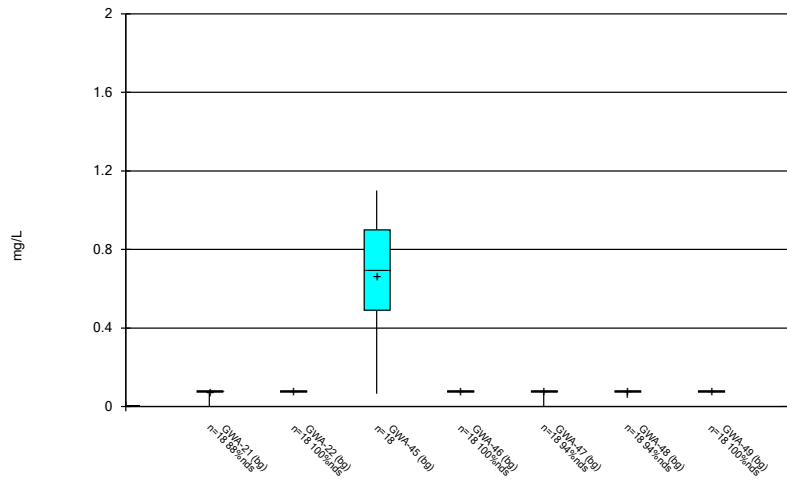
Constituent: Beryllium, Total Analysis Run 4/7/2022 8:56 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



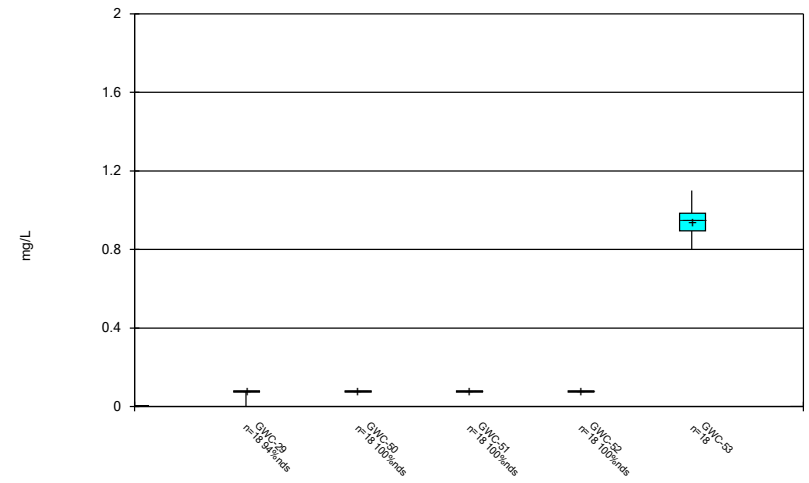
Constituent: Beryllium, Total Analysis Run 4/7/2022 8:56 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



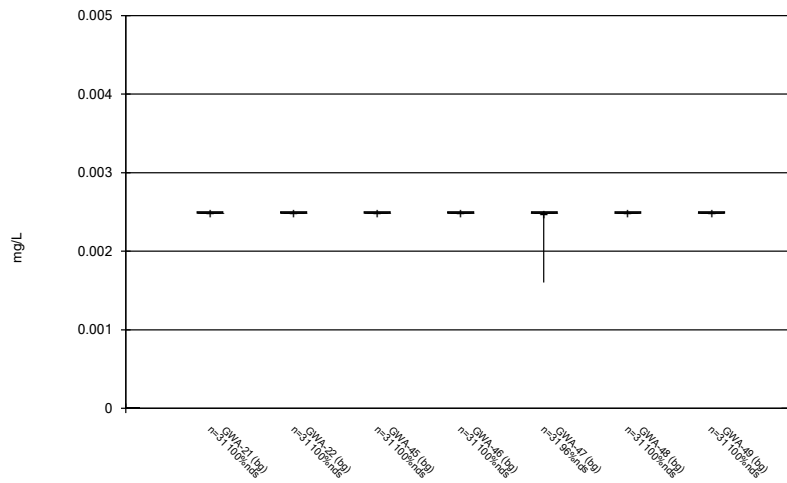
Constituent: Boron Analysis Run 4/7/2022 8:57 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



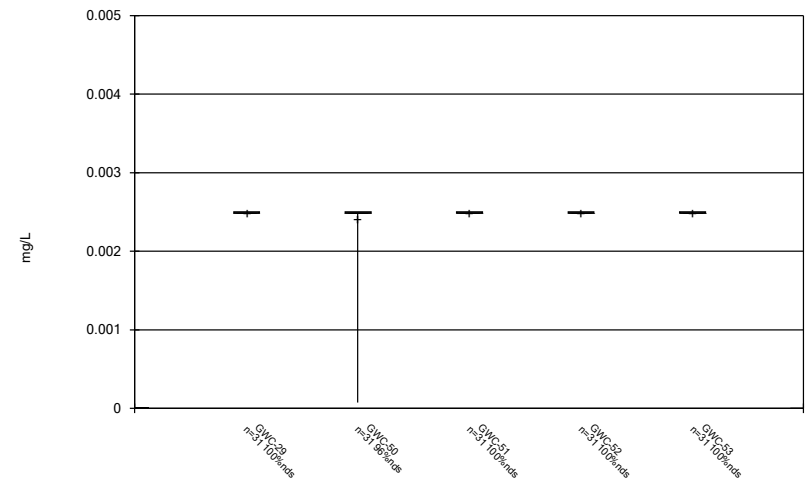
Constituent: Boron Analysis Run 4/7/2022 8:57 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



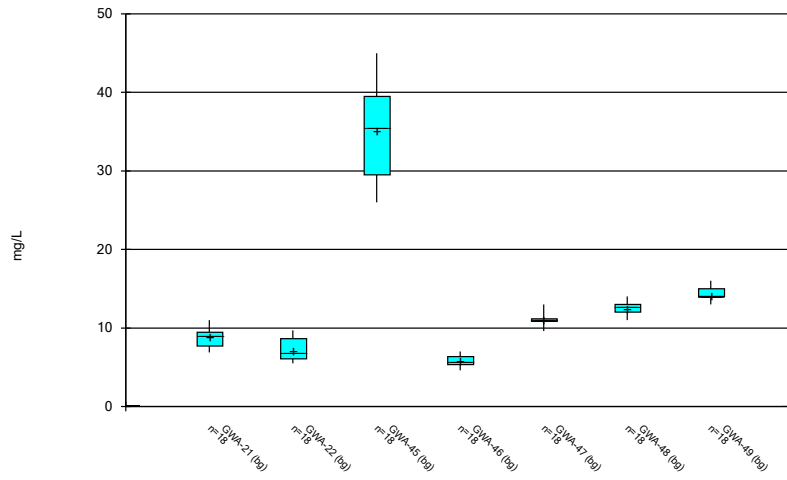
Constituent: Cadmium, Total Analysis Run 4/7/2022 8:57 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



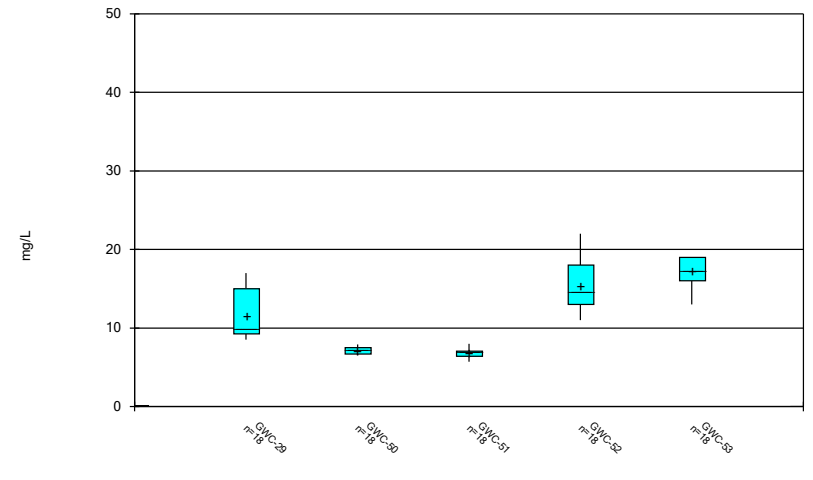
Constituent: Cadmium, Total Analysis Run 4/7/2022 8:57 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



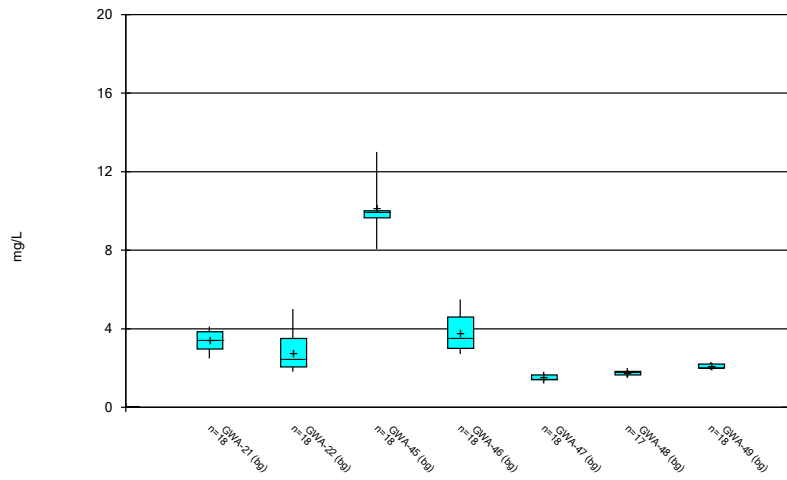
Constituent: Calcium Analysis Run 4/7/2022 8:57 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



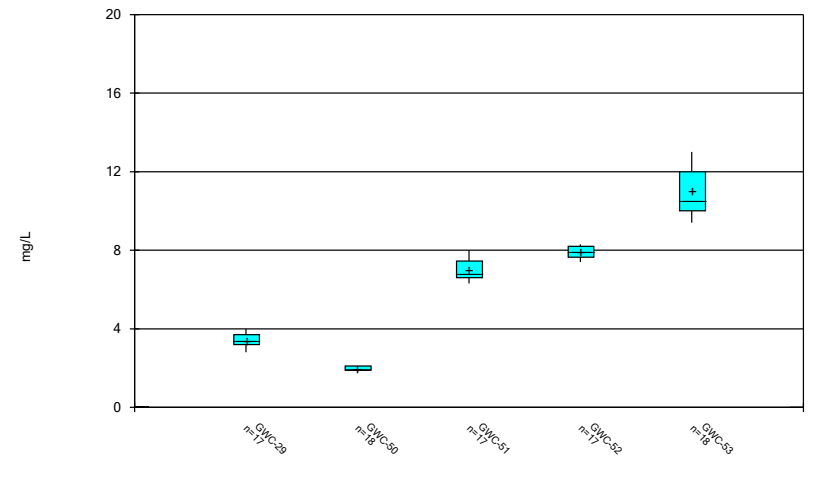
Constituent: Calcium Analysis Run 4/7/2022 8:57 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



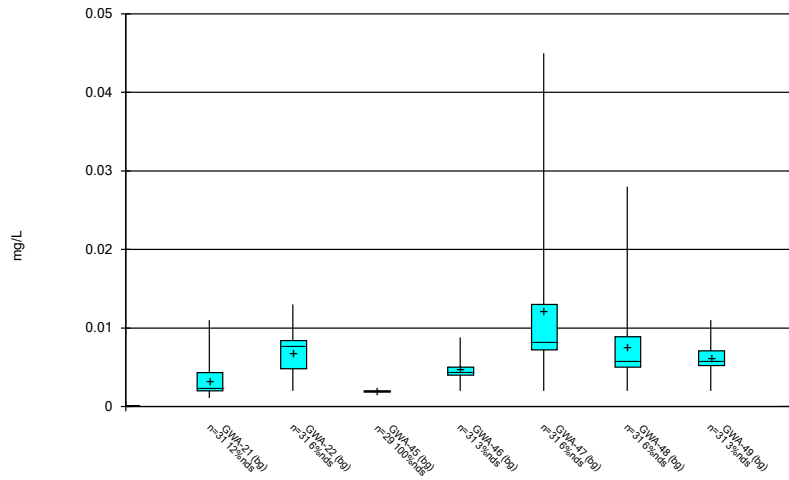
Constituent: Chloride Analysis Run 4/7/2022 8:57 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



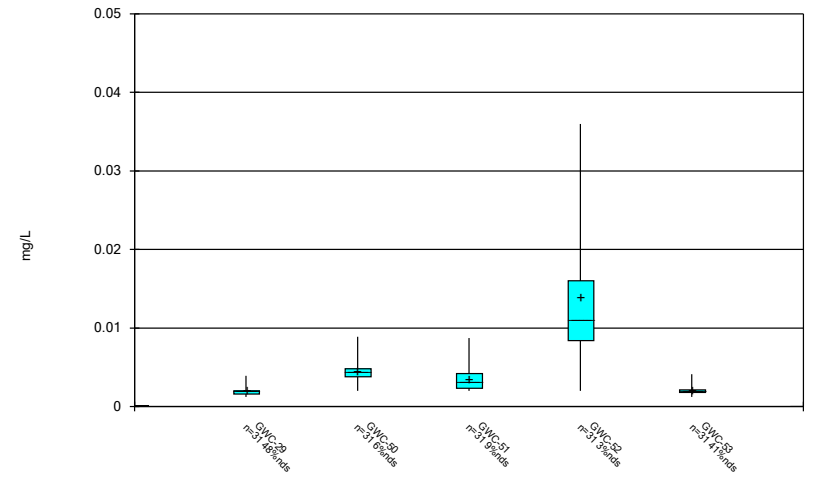
Constituent: Chloride Analysis Run 4/7/2022 8:57 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



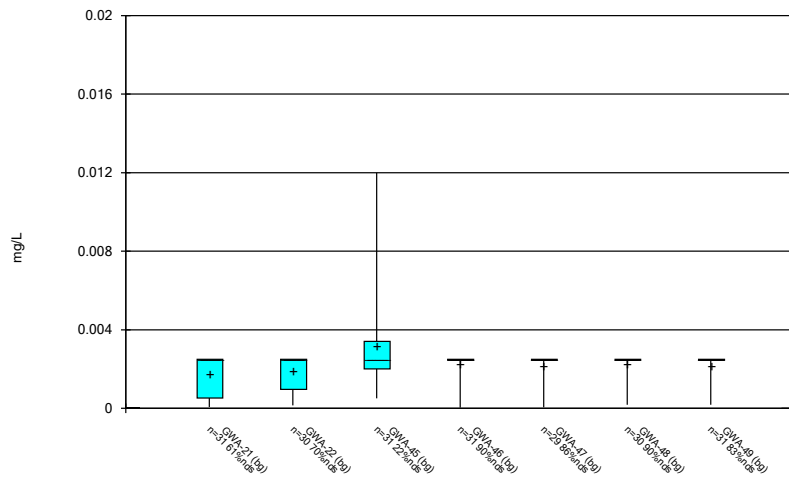
Constituent: Chromium, Total Analysis Run 4/7/2022 8:57 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



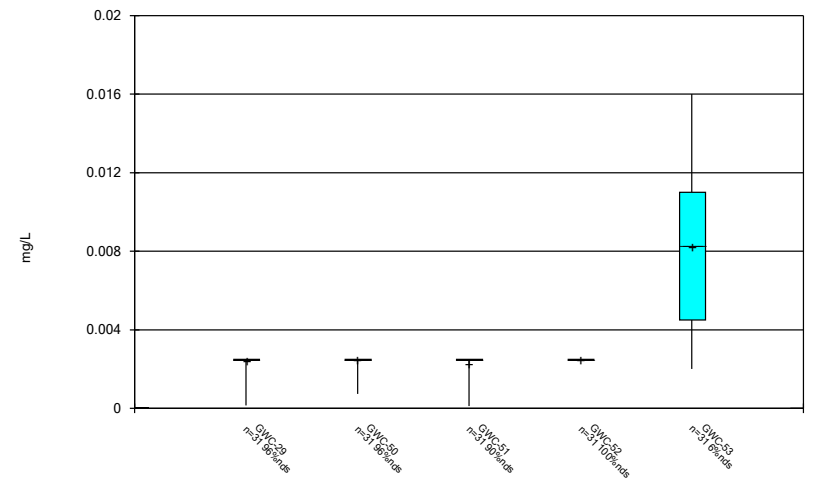
Constituent: Chromium, Total Analysis Run 4/7/2022 8:57 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



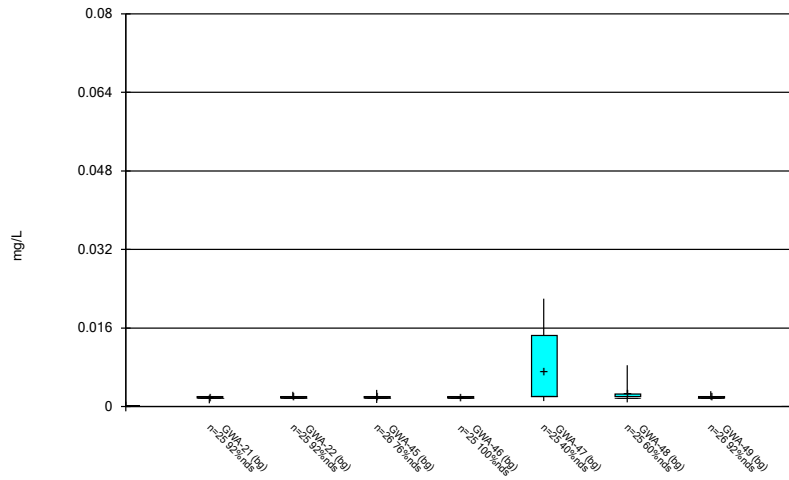
Constituent: Cobalt, Total Analysis Run 4/7/2022 8:57 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



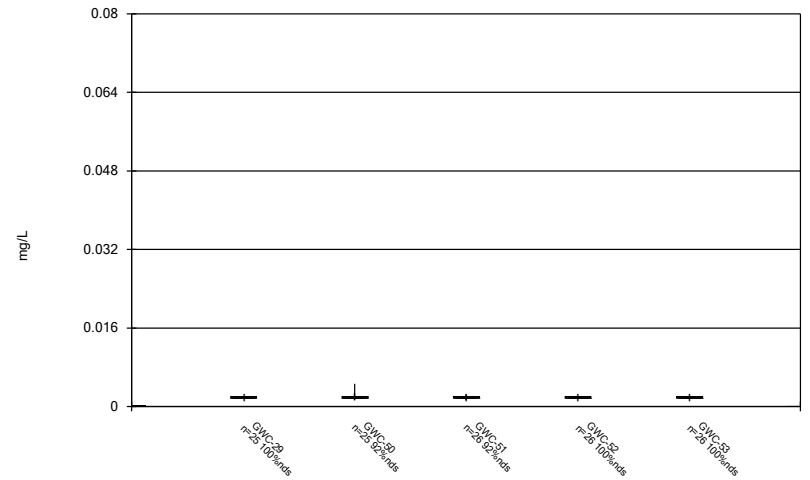
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 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



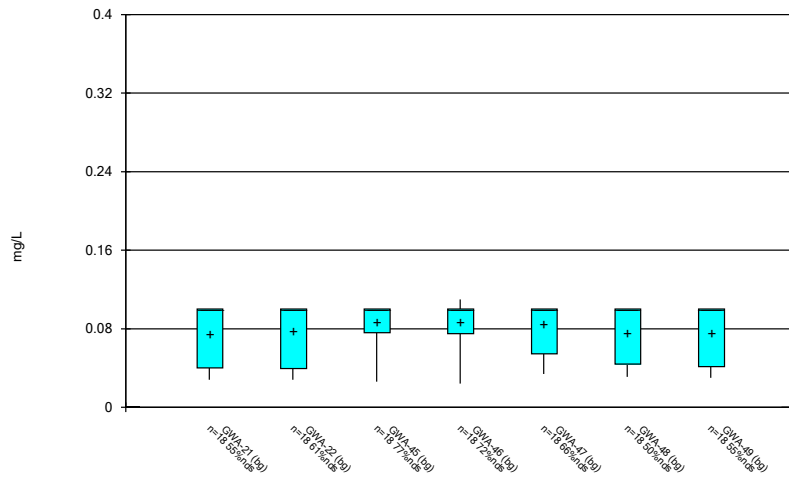
Constituent: Copper, Total Analysis Run 4/7/2022 8:57 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



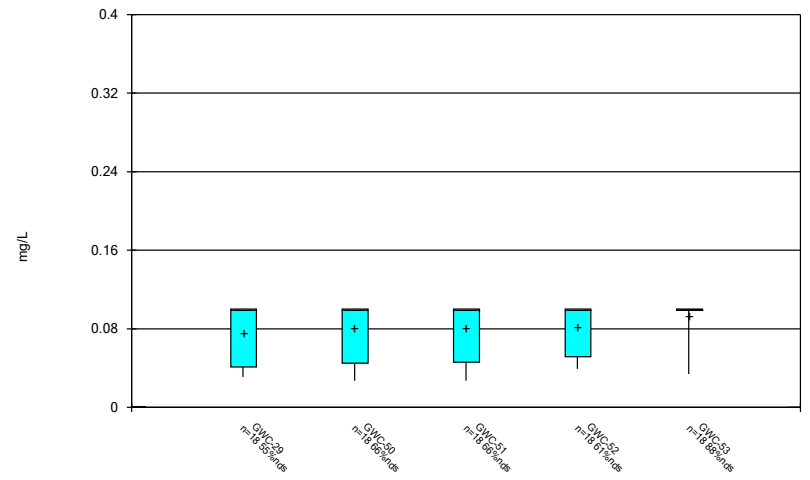
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Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



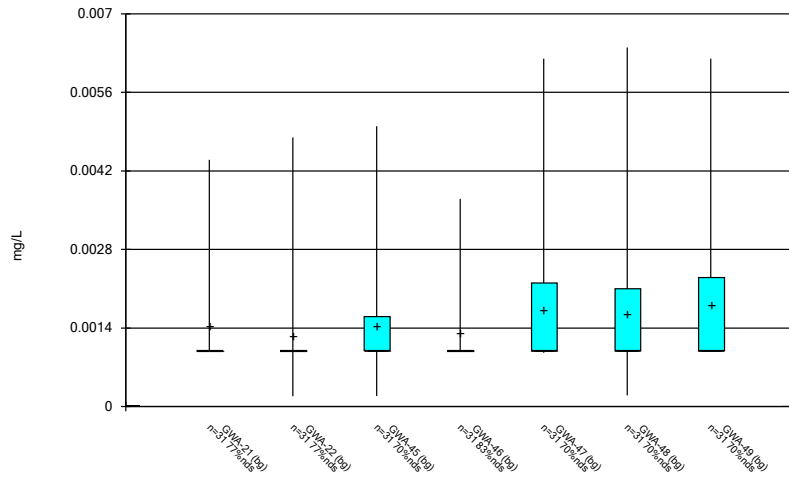
Constituent: Fluoride Analysis Run 4/7/2022 8:57 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



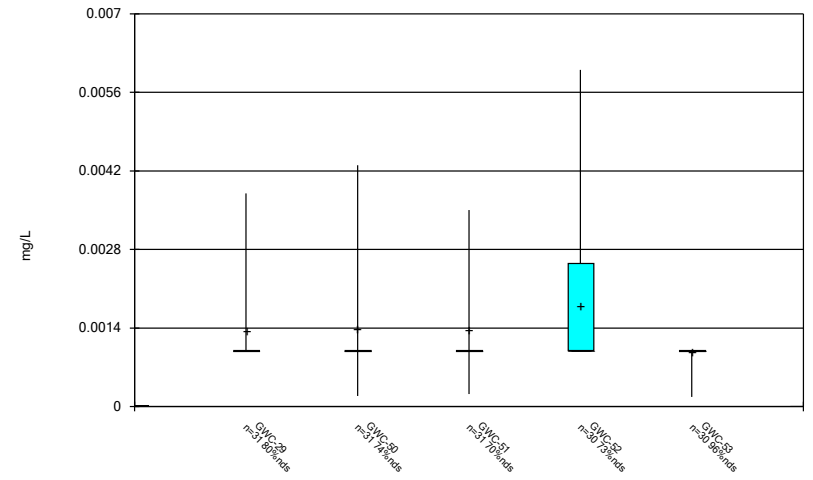
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Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



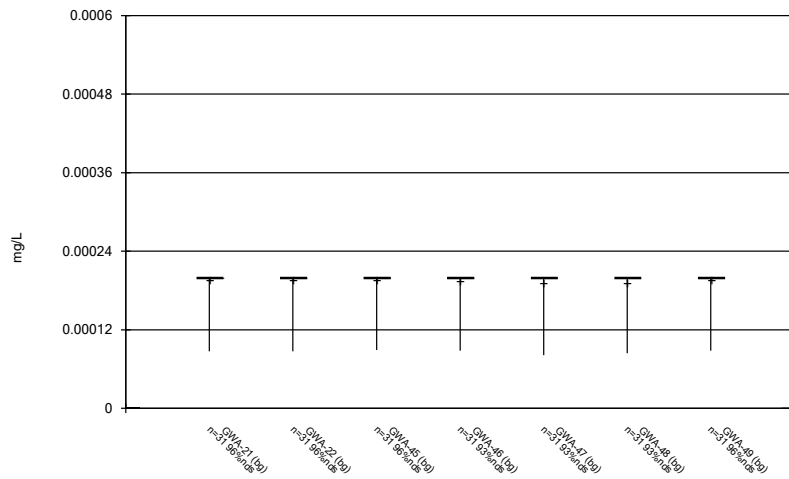
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Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



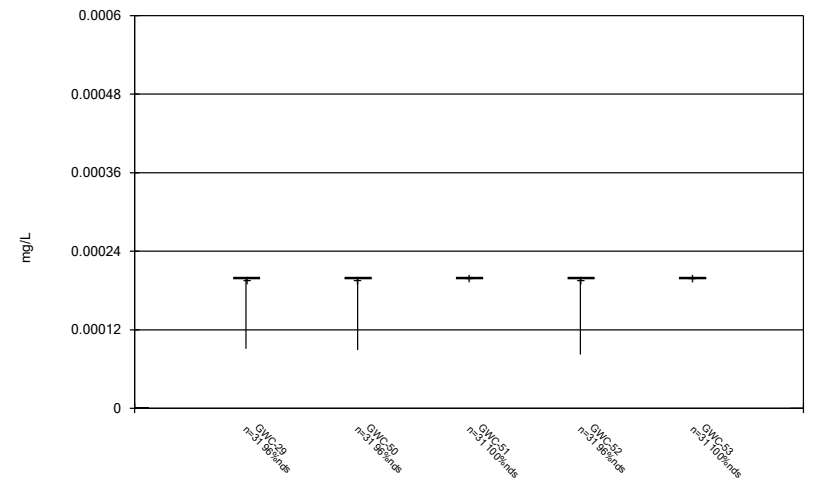
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Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



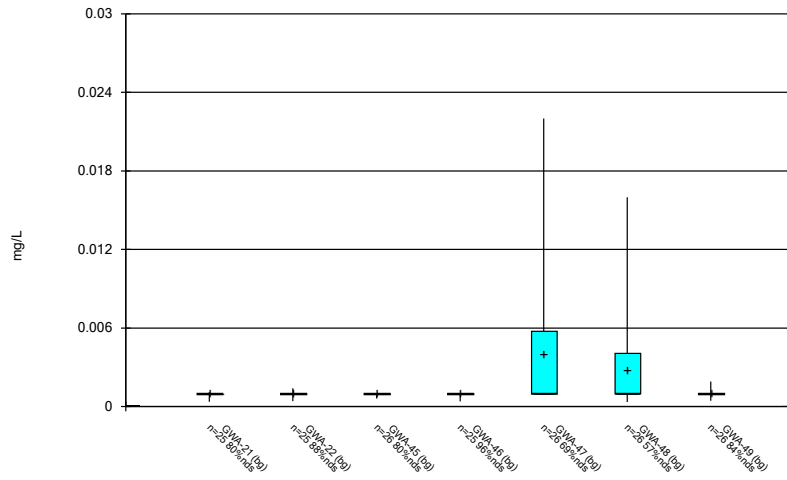
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Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



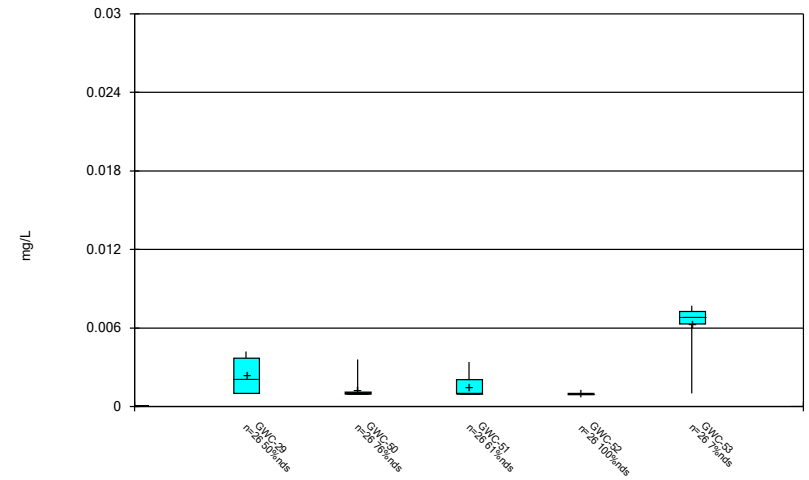
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Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



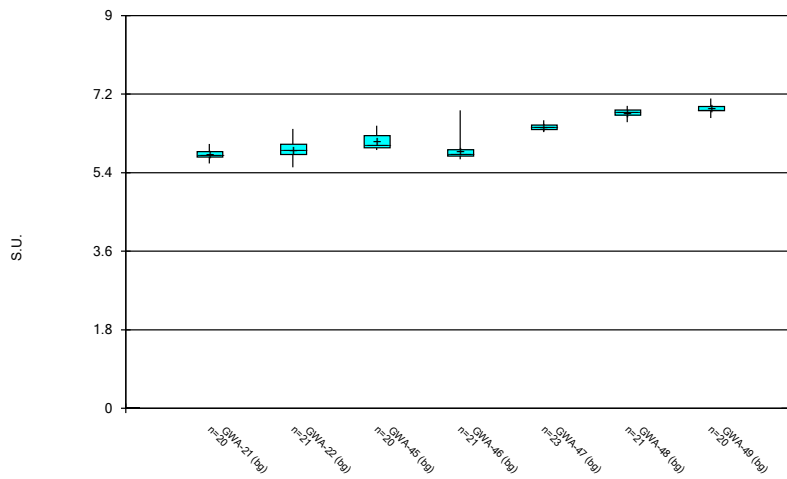
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Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



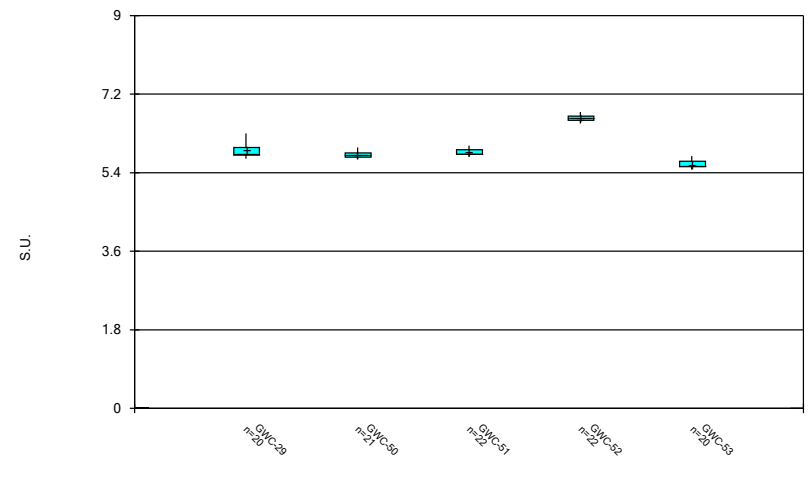
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Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



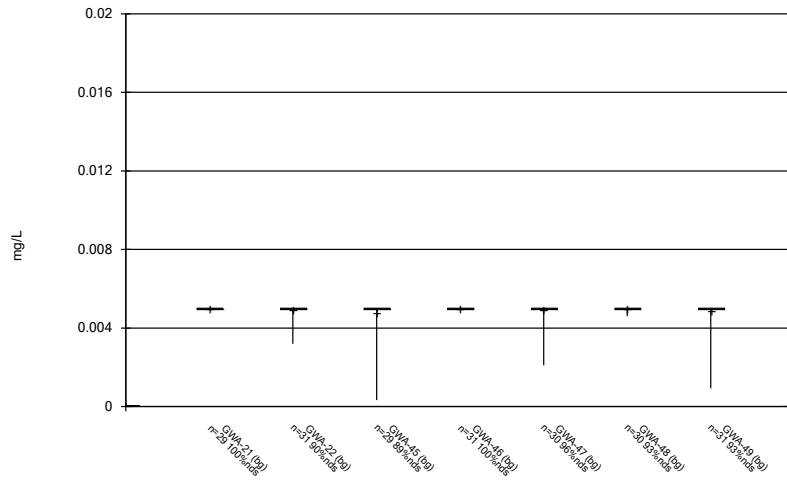
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Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



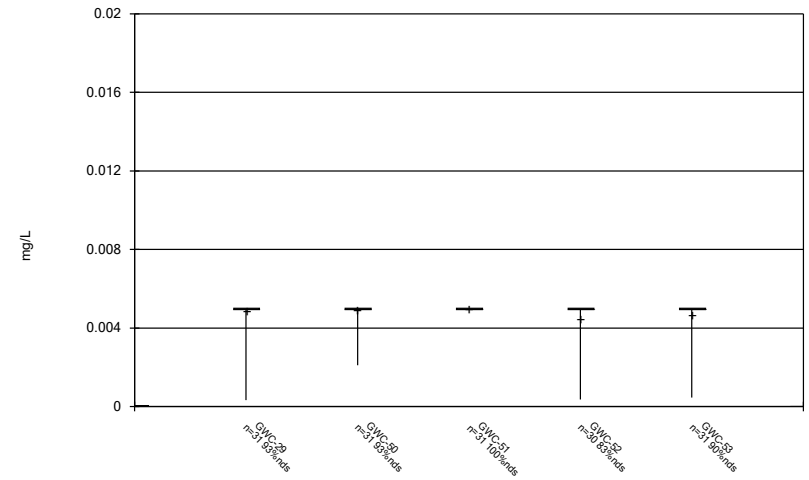
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Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



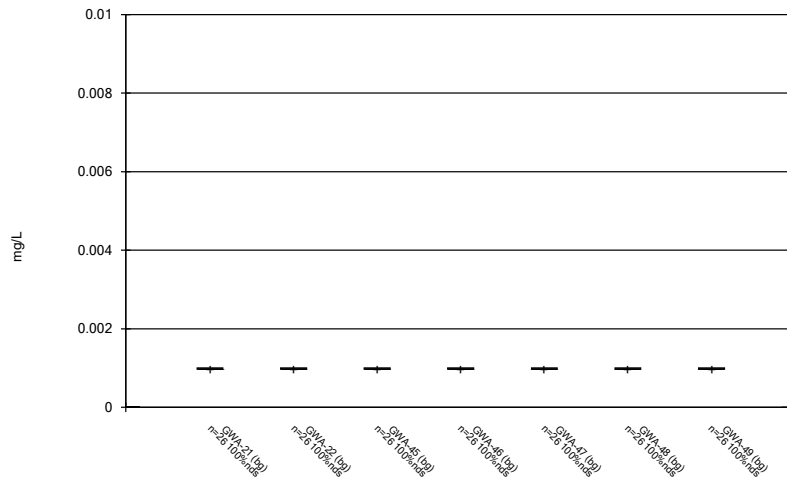
Constituent: Selenium, Total Analysis Run 4/7/2022 8:57 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



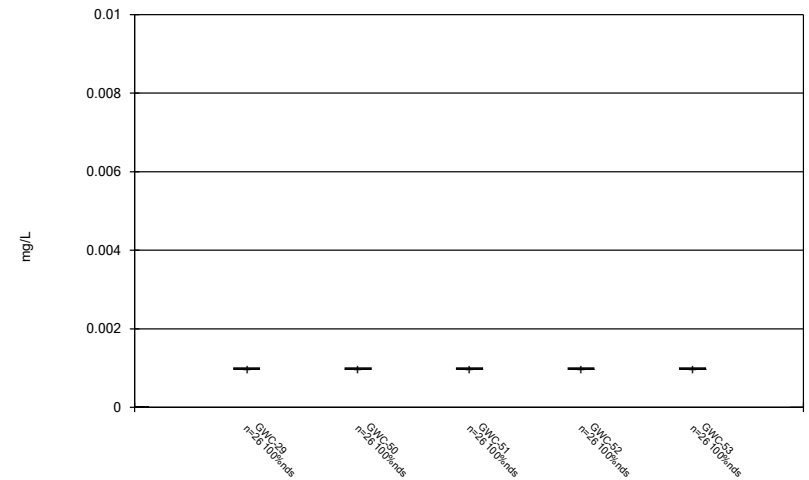
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 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



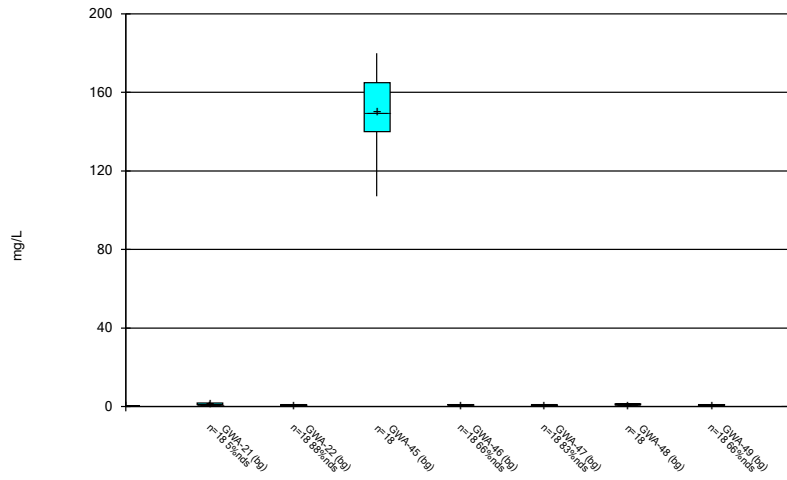
Constituent: Silver, Total Analysis Run 4/7/2022 8:57 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



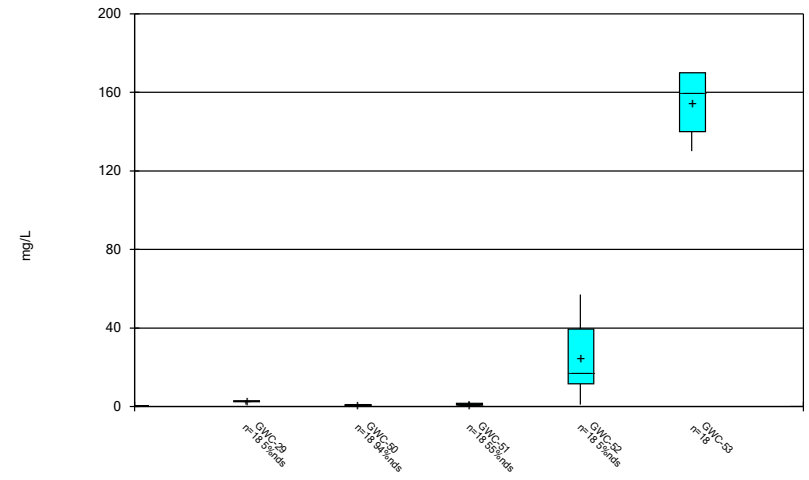
Constituent: Silver, Total Analysis Run 4/7/2022 8:57 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



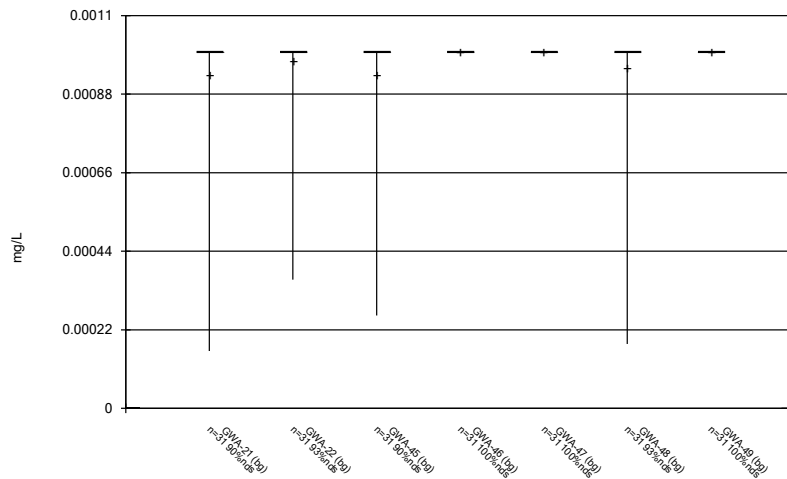
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 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



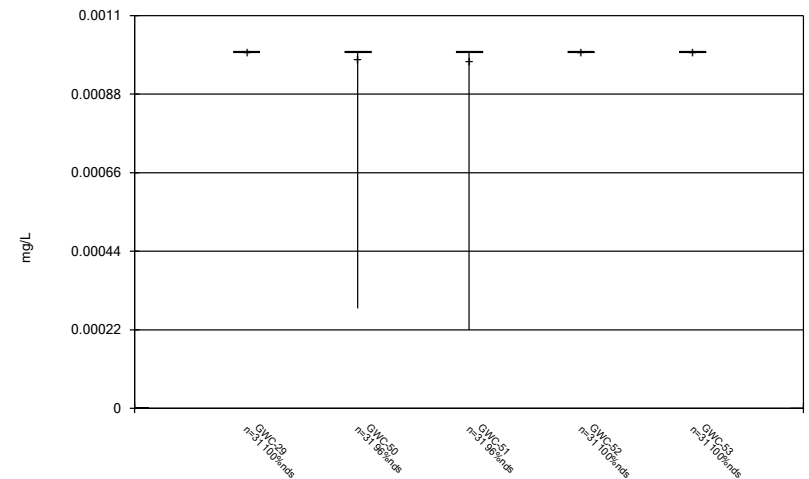
Constituent: Sulfate Analysis Run 4/7/2022 8:57 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



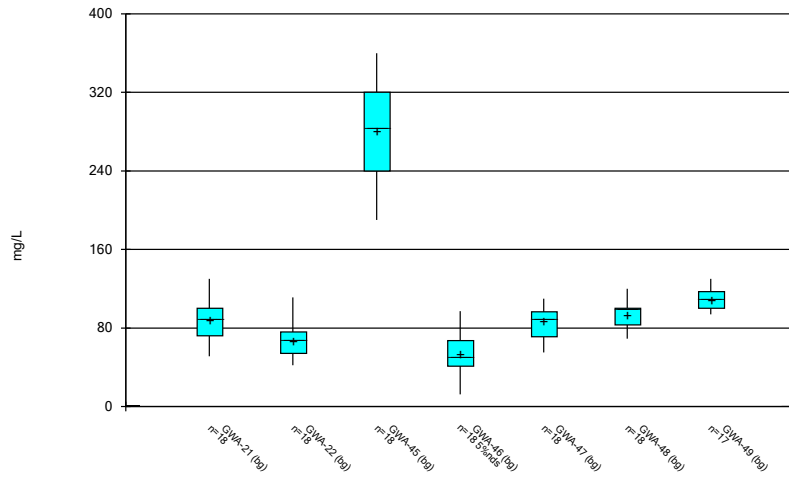
Constituent: Thallium, Total Analysis Run 4/7/2022 8:57 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



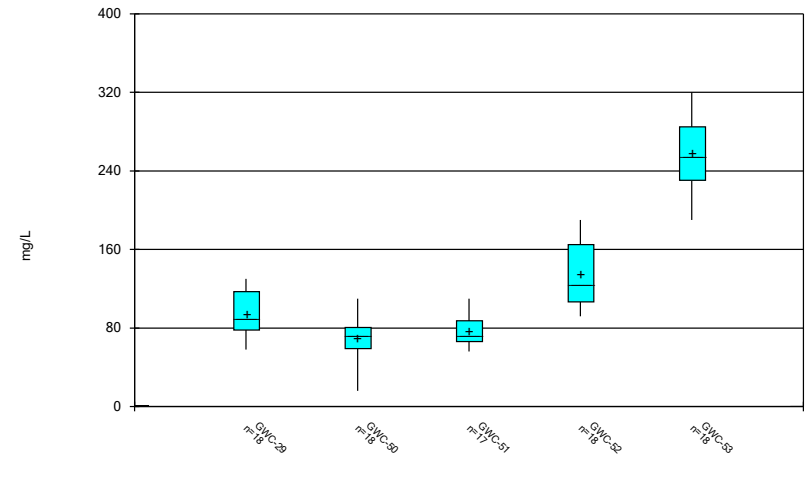
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 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



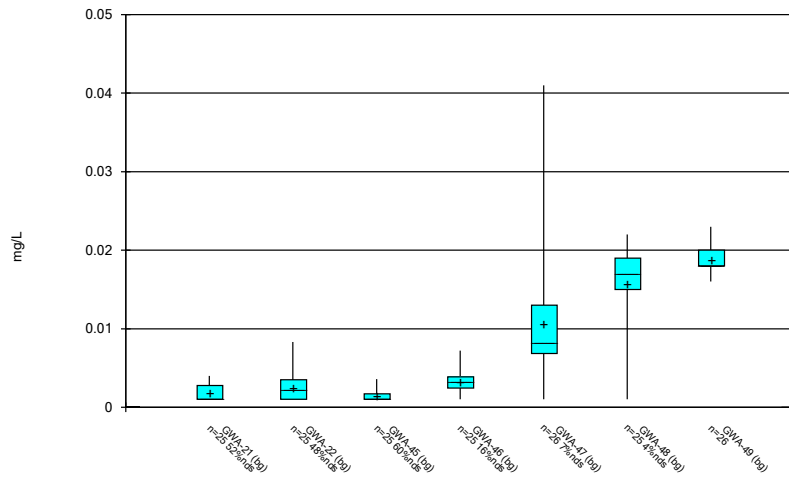
Constituent: Total Dissolved Solids Analysis Run 4/7/2022 8:57 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



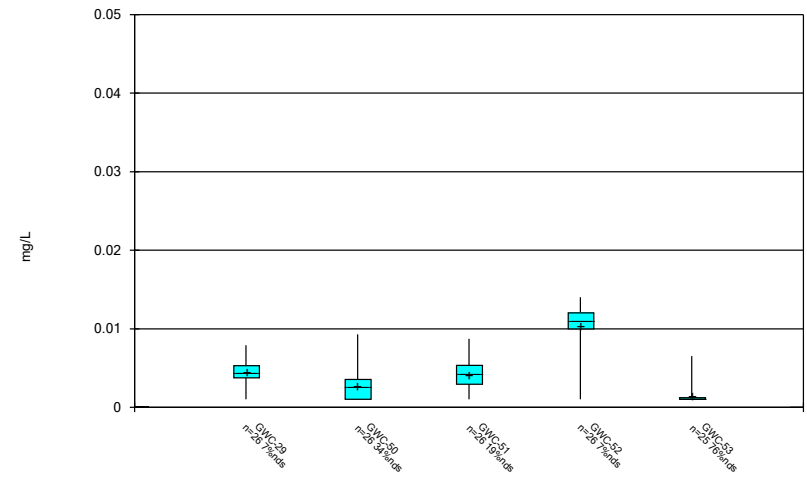
Constituent: Total Dissolved Solids Analysis Run 4/7/2022 8:57 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



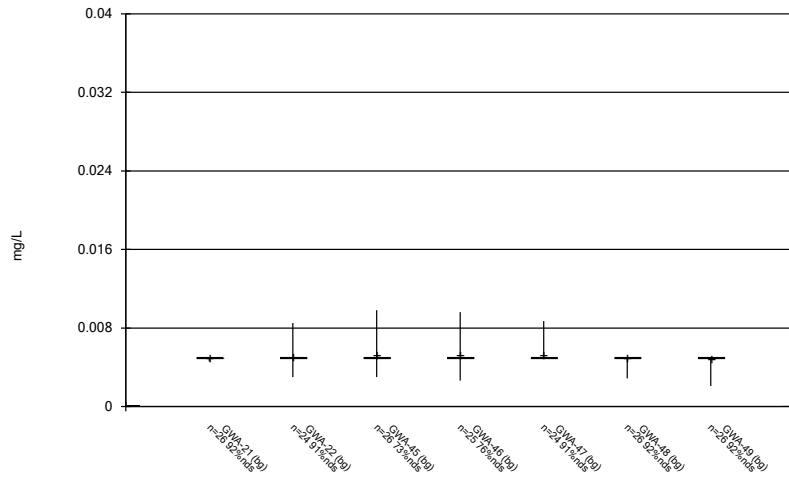
Constituent: Vanadium, Total Analysis Run 4/7/2022 8:57 AM
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



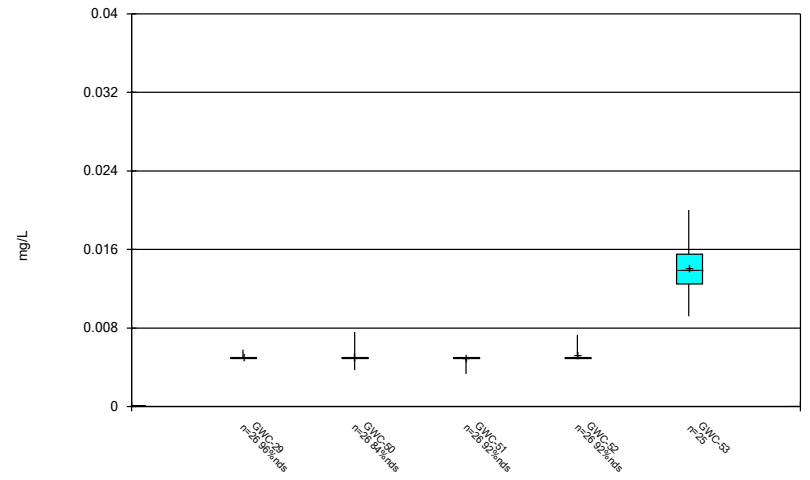
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 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



Constituent: Zinc, Total Analysis Run 4/7/2022 8:57 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Box & Whiskers Plot



Constituent: Zinc, Total Analysis Run 4/7/2022 8:57 AM
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

FIGURE C.

Outlier Summary

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 4/7/2022, 9:01 AM

	GWC-53 Vanadium, Total (mg/L)	GWA-22 Zinc, Total (mg/L)	GWA-46 Zinc, Total (mg/L)	GWA-47 Zinc, Total (mg/L)
12/20/2010				
12/21/2010				
12/22/2010				
2/14/2011				
10/25/2011				
5/1/2012				
11/8/2012		0.013 (O)		
11/4/2013				
11/5/2013				
5/23/2014			0.014 (O)	
5/20/2015				
5/21/2015				
5/22/2015				
5/25/2015				
11/13/2015	0.039 (O)			
4/8/2016	0.0136 (O)			
4/11/2016				
6/14/2016				
12/19/2016				
2/13/2017				
10/9/2017				
3/26/2018				
10/3/2018				
3/27/2019				
9/12/2019				
12/2/2019				
3/19/2020				
9/11/2020				
4/2/2021				

FIGURE D.

Appendix I Intrawell Prediction Limits - Significant Results

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 4/7/2022, 10:20 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method
Barium, Total (mg/L)	GWA-22	0.02993	n/a	2/15/2022	0.032	Yes	28	0.02437	0.00257	0	None	No	0.0007523 Param Intra 1 of 2
Barium, Total (mg/L)	GWA-45	0.05701	n/a	2/14/2022	0.077	Yes	24	0.03215	0.01125	0	None	No	0.0007523 Param Intra 1 of 2
Barium, Total (mg/L)	GWA-46	0.02282	n/a	2/14/2022	0.024	Yes	27	0.01947	0.001543	0	None	No	0.0007523 Param Intra 1 of 2
Barium, Total (mg/L)	GWC-29	0.01961	n/a	2/14/2022	0.02	Yes	28	0.01603	0.001661	0	None	No	0.0007523 Param Intra 1 of 2
Barium, Total (mg/L)	GWC-50	0.014	n/a	2/14/2022	0.018	Yes	28	0.0001382	0.000026710		None	x^2	0.0007523 Param Intra 1 of 2
Barium, Total (mg/L)	GWC-52	0.01758	n/a	2/14/2022	0.021	Yes	28	0.01176	0.00269	0	None	No	0.0007523 Param Intra 1 of 2
Chromium, Total (mg/L)	GWA-22	0.01164	n/a	2/15/2022	0.013	Yes	28	0.006711	0.002282	7.143	None	No	0.0007523 Param Intra 1 of 2
Chromium, Total (mg/L)	GWC-52	0.01533	n/a	2/14/2022	0.036	Yes	24	0.00975	0.002526	4.167	None	No	0.0007523 Param Intra 1 of 2
Nickel, Total (mg/L)	GWA-22	0.001	n/a	2/15/2022	0.0014	Yes	22	n/a	n/a	100	n/a	n/a	0.003707 NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWC-50	0.0018	n/a	2/14/2022	0.0026	Yes	23	n/a	n/a	86.96	n/a	n/a	0.003415 NP Intra (NDs) 1 of 2
Vanadium, Total (mg/L)	GWA-21	0.0031	n/a	2/14/2022	0.0033	Yes	22	n/a	n/a	59.09	n/a	n/a	0.003707 NP Intra (NDs) 1 of 2
Vanadium, Total (mg/L)	GWA-22	0.0052	n/a	2/15/2022	0.0083	Yes	22	n/a	n/a	54.55	n/a	n/a	0.003707 NP Intra (NDs) 1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 4/7/2022, 10:20 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Arsenic, Total (mg/L)	GWA-45	0.0015	n/a	2/14/2022	0.001ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Arsenic, Total (mg/L)	GWA-48	0.001	n/a	2/14/2022	0.001ND	No	28	n/a	n/a	100	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Arsenic, Total (mg/L)	GWA-49	0.001	n/a	2/14/2022	0.001ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-29	0.0013	n/a	2/14/2022	0.001ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-50	0.001	n/a	2/14/2022	0.001ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Arsenic, Total (mg/L)	GWC-53	0.0011	n/a	2/14/2022	0.001ND	No	27	n/a	n/a	96.3	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Barium, Total (mg/L)	GWA-21	0.02935	n/a	2/14/2022	0.024	No	27	0.0227	0.00306	0	None	No	0.0007523	Param Intra 1 of 2
Barium, Total (mg/L)	GWA-22	0.02993	n/a	2/15/2022	0.032	Yes	28	0.02437	0.00257	0	None	No	0.0007523	Param Intra 1 of 2
Barium, Total (mg/L)	GWA-45	0.05701	n/a	2/14/2022	0.077	Yes	24	0.03215	0.01125	0	None	No	0.0007523	Param Intra 1 of 2
Barium, Total (mg/L)	GWA-46	0.02282	n/a	2/14/2022	0.024	Yes	27	0.01947	0.001543	0	None	No	0.0007523	Param Intra 1 of 2
Barium, Total (mg/L)	GWA-47	0.045	n/a	2/14/2022	0.029	No	27	n/a	n/a	0	n/a	n/a	0.002502	NP Intra (normality) 1 of 2
Barium, Total (mg/L)	GWA-48	0.031	n/a	2/14/2022	0.014	No	26	n/a	n/a	0	n/a	n/a	0.002667	NP Intra (normality) 1 of 2
Barium, Total (mg/L)	GWA-49	0.02233	n/a	2/14/2022	0.022	No	28	0.01933	0.001391	0	None	No	0.0007523	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-29	0.01961	n/a	2/14/2022	0.02	Yes	28	0.01603	0.001661	0	None	No	0.0007523	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-50	0.014	n/a	2/14/2022	0.018	Yes	28	0.0001382	0.000026710	None	x^2	0.0007523	Param Intra 1 of 2	
Barium, Total (mg/L)	GWC-51	0.01222	n/a	2/15/2022	0.011	No	28	0.000094730	0.000025273	571	None	x^2	0.0007523	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-52	0.01758	n/a	2/14/2022	0.021	Yes	28	0.01176	0.00269	0	None	No	0.0007523	Param Intra 1 of 2
Barium, Total (mg/L)	GWC-53	0.11	n/a	2/14/2022	0.042	No	28	n/a	n/a	7.143	n/a	n/a	0.002337	NP Intra (normality) 1 of 2
Beryllium, Total (mg/L)	GWA-22	0.0025	n/a	2/15/2022	0.0025ND	No	28	n/a	n/a	100	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Beryllium, Total (mg/L)	GWC-51	0.0025	n/a	2/15/2022	0.0025ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Cadmium, Total (mg/L)	GWA-47	0.0025	n/a	2/14/2022	0.0025ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Cadmium, Total (mg/L)	GWC-50	0.0025	n/a	2/14/2022	0.0025ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Chromium, Total (mg/L)	GWA-21	0.008995	n/a	2/14/2022	0.0026	No	28	0.05889	0.01663	14.29	None	sqrt(x)	0.0007523	Param Intra 1 of 2
Chromium, Total (mg/L)	GWA-22	0.01164	n/a	2/15/2022	0.013	Yes	28	0.006711	0.002282	7.143	None	No	0.0007523	Param Intra 1 of 2
Chromium, Total (mg/L)	GWA-46	0.0088	n/a	2/14/2022	0.0047	No	28	n/a	n/a	3.571	n/a	n/a	0.002337	NP Intra (normality) 1 of 2
Chromium, Total (mg/L)	GWA-47	0.045	n/a	2/14/2022	0.0086	No	28	n/a	n/a	7.143	n/a	n/a	0.002337	NP Intra (normality) 1 of 2
Chromium, Total (mg/L)	GWA-48	0.028	n/a	2/14/2022	0.0058	No	28	n/a	n/a	7.143	n/a	n/a	0.002337	NP Intra (normality) 1 of 2
Chromium, Total (mg/L)	GWA-49	0.009199	n/a	2/14/2022	0.0076	No	28	0.07829	0.008154	3.571	None	sqrt(x)	0.0007523	Param Intra 1 of 2
Chromium, Total (mg/L)	GWC-29	0.0039	n/a	2/14/2022	0.001ND	No	28	n/a	n/a	42.86	n/a	n/a	0.002337	NP Intra (normality) 1 of 2
Chromium, Total (mg/L)	GWC-50	0.006348	n/a	2/14/2022	0.0046	No	28	0.004525	0.0008434	7.143	None	No	0.0007523	Param Intra 1 of 2
Chromium, Total (mg/L)	GWC-51	0.005825	n/a	2/15/2022	0.0054	No	28	0.003553	0.001051	10.71	None	No	0.0007523	Param Intra 1 of 2
Chromium, Total (mg/L)	GWC-52	0.01533	n/a	2/14/2022	0.036	Yes	24	0.00975	0.002526	4.167	None	No	0.0007523	Param Intra 1 of 2
Chromium, Total (mg/L)	GWC-53	0.0041	n/a	2/14/2022	0.0018J	No	28	n/a	n/a	42.86	n/a	n/a	0.002337	NP Intra (normality) 1 of 2
Cobalt, Total (mg/L)	GWA-21	0.0025	n/a	2/14/2022	0.0025ND	No	28	n/a	n/a	64.29	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWA-22	0.0025	n/a	2/15/2022	0.00054J	No	27	n/a	n/a	77.78	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWA-45	0.01078	n/a	2/14/2022	0.00059J	No	28	0.1408	0.03707	25	Kaplan-Meier x^(1/3)	n/a	0.0007523	Param Intra 1 of 2
Cobalt, Total (mg/L)	GWA-46	0.0025	n/a	2/14/2022	0.0025ND	No	28	n/a	n/a	89.29	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWA-47	0.0025	n/a	2/14/2022	0.0025ND	No	26	n/a	n/a	88.46	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWA-48	0.0025	n/a	2/14/2022	0.0025ND	No	27	n/a	n/a	92.59	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWA-49	0.0025	n/a	2/14/2022	0.00039J	No	28	n/a	n/a	89.29	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-29	0.0025	n/a	2/14/2022	0.0025ND	No	28	n/a	n/a	100	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-50	0.0025	n/a	2/14/2022	0.0025ND	No	28	n/a	n/a	100	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-51	0.0025	n/a	2/15/2022	0.0025ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Cobalt, Total (mg/L)	GWC-53	0.01667	n/a	2/14/2022	0.011	No	28	0.008496	0.003782	7.143	None	No	0.0007523	Param Intra 1 of 2
Copper, Total (mg/L)	GWA-21	0.0023	n/a	2/14/2022	0.002ND	No	22	n/a	n/a	95.45	n/a	n/a	0.003707	NP Intra (NDs) 1 of 2
Copper, Total (mg/L)	GWA-22	0.003	n/a	2/15/2022	0.0015J	No	22	n/a	n/a	95.45	n/a	n/a	0.003707	NP Intra (NDs) 1 of 2
Copper, Total (mg/L)	GWA-45	0.0034	n/a	2/14/2022	0.002ND	No	23	n/a	n/a	73.91	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Copper, Total (mg/L)	GWA-47	0.022	n/a	2/14/2022	0.002ND	No	22	n/a	n/a	36.36	n/a	n/a	0.003707	NP Intra (normality) 1 of 2
Copper, Total (mg/L)	GWA-48	0.0084	n/a	2/14/2022	0.002ND	No	22	n/a	n/a	59.09	n/a	n/a	0.003707	NP Intra (NDs) 1 of 2
Copper, Total (mg/L)	GWA-49	0.002	n/a	2/14/2022	0.0014J	No	23	n/a	n/a	100	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Copper, Total (mg/L)	GWC-50	0.002	n/a	2/14/2022	0.0013J	No	22	n/a	n/a	100	n/a	n/a	0.003707	NP Intra (NDs) 1 of 2
Copper, Total (mg/L)	GWC-51	0.002	n/a	2/15/2022	0.002ND	No	23	n/a	n/a	95.65	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWA-21	0.0044	n/a	2/14/2022	0.001ND	No	28	n/a	n/a	75	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWA-22	0.0048	n/a	2/15/2022	0.00025J	No	28	n/a	n/a	82.14	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWA-45	0.005	n/a	2/14/2022	0.001ND	No	28	n/a	n/a	67.86	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 4/7/2022, 10:20 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Lead, Total (mg/L)	GWA-46	0.0037	n/a	2/14/2022	0.001ND	No	28	n/a	n/a	82.14	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWA-47	0.0062	n/a	2/14/2022	0.001ND	No	28	n/a	n/a	67.86	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWA-48	0.0064	n/a	2/14/2022	0.001ND	No	28	n/a	n/a	67.86	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWA-49	0.0062	n/a	2/14/2022	0.001ND	No	28	n/a	n/a	67.86	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-29	0.0038	n/a	2/14/2022	0.001ND	No	28	n/a	n/a	78.57	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-50	0.0043	n/a	2/14/2022	0.00019J	No	28	n/a	n/a	78.57	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-51	0.0035	n/a	2/15/2022	0.001ND	No	28	n/a	n/a	71.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-52	0.006	n/a	2/14/2022	0.001ND	No	27	n/a	n/a	70.37	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Lead, Total (mg/L)	GWC-53	0.001	n/a	2/14/2022	0.001ND	No	27	n/a	n/a	100	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWA-21	0.0002	n/a	2/14/2022	0.0002ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWA-22	0.0002	n/a	2/15/2022	0.0002ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWA-45	0.0002	n/a	2/14/2022	0.0002ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWA-46	0.0002	n/a	2/14/2022	0.0002ND	No	28	n/a	n/a	92.86	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWA-47	0.0002	n/a	2/14/2022	0.0002ND	No	28	n/a	n/a	92.86	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWA-48	0.0002	n/a	2/14/2022	0.0002ND	No	28	n/a	n/a	92.86	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWA-49	0.0002	n/a	2/14/2022	0.0002ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWC-29	0.0002	n/a	2/14/2022	0.0002ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWC-50	0.0002	n/a	2/14/2022	0.0002ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Mercury, Total (mg/L)	GWC-52	0.0002	n/a	2/14/2022	0.0002ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWA-21	0.001	n/a	2/14/2022	0.001ND	No	22	n/a	n/a	86.36	n/a	n/a	0.003707	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWA-22	0.001	n/a	2/15/2022	0.0014	Yes	22	n/a	n/a	100	n/a	n/a	0.003707	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWA-45	0.001	n/a	2/14/2022	0.001ND	No	23	n/a	n/a	86.96	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWA-46	0.001	n/a	2/14/2022	0.001ND	No	22	n/a	n/a	95.45	n/a	n/a	0.003707	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWA-47	0.022	n/a	2/14/2022	0.001ND	No	23	n/a	n/a	65.22	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWA-48	0.016	n/a	2/14/2022	0.001ND	No	23	n/a	n/a	56.52	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWA-49	0.001	n/a	2/14/2022	0.00088J	No	23	n/a	n/a	91.3	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWC-29	0.0047	n/a	2/14/2022	0.0034	No	23	n/a	n/a	56.52	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWC-50	0.0018	n/a	2/14/2022	0.0026	Yes	23	n/a	n/a	86.96	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWC-51	0.0025	n/a	2/15/2022	0.0024	No	23	n/a	n/a	69.57	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Nickel, Total (mg/L)	GWC-53	0.008258	n/a	2/14/2022	0.0071	No	23	0.006804	0.0006526	8.696	None	No	0.0007523	Param Intra 1 of 2
Selenium, Total (mg/L)	GWA-22	0.005	n/a	2/15/2022	0.005ND	No	28	n/a	n/a	89.29	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWA-45	0.005	n/a	2/14/2022	0.005ND	No	26	n/a	n/a	88.46	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWA-47	0.005	n/a	2/14/2022	0.005ND	No	27	n/a	n/a	96.3	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWA-48	0.005	n/a	2/14/2022	0.005ND	No	27	n/a	n/a	92.59	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWA-49	0.005	n/a	2/14/2022	0.005ND	No	28	n/a	n/a	92.86	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-29	0.005	n/a	2/14/2022	0.005ND	No	28	n/a	n/a	92.86	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-50	0.005	n/a	2/14/2022	0.005ND	No	28	n/a	n/a	92.86	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-52	0.005	n/a	2/14/2022	0.005ND	No	27	n/a	n/a	81.48	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Selenium, Total (mg/L)	GWC-53	0.005	n/a	2/14/2022	0.005ND	No	28	n/a	n/a	89.29	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWA-21	0.001	n/a	2/14/2022	0.001ND	No	28	n/a	n/a	92.86	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWA-22	0.001	n/a	2/15/2022	0.001ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWA-45	0.001	n/a	2/14/2022	0.001ND	No	28	n/a	n/a	89.29	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWA-48	0.001	n/a	2/14/2022	0.001ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWC-50	0.001	n/a	2/14/2022	0.001ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Thallium, Total (mg/L)	GWC-51	0.001	n/a	2/15/2022	0.001ND	No	28	n/a	n/a	100	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Vanadium, Total (mg/L)	GWA-21	0.0031	n/a	2/14/2022	0.0033	Yes	22	n/a	n/a	59.09	n/a	n/a	0.003707	NP Intra (NDs) 1 of 2
Vanadium, Total (mg/L)	GWA-22	0.0052	n/a	2/15/2022	0.0083	Yes	22	n/a	n/a	54.55	n/a	n/a	0.003707	NP Intra (NDs) 1 of 2
Vanadium, Total (mg/L)	GWA-45	0.0036	n/a	2/14/2022	0.0028	No	22	n/a	n/a	68.18	n/a	n/a	0.003707	NP Intra (NDs) 1 of 2
Vanadium, Total (mg/L)	GWA-46	0.006504	n/a	2/14/2022	0.0032	No	22	0.05801	0.01008	18.18	Kaplan-Meier	sqrt(x)	0.0007523	Param Intra 1 of 2
Vanadium, Total (mg/L)	GWA-47	0.0299	n/a	2/14/2022	0.0076	No	23	0.1014	0.03211	8.696	None	sqrt(x)	0.0007523	Param Intra 1 of 2
Vanadium, Total (mg/L)	GWA-48	0.02341	n/a	2/14/2022	0.019	No	22	0.01572	0.003424	4.545	None	No	0.0007523	Param Intra 1 of 2
Vanadium, Total (mg/L)	GWA-49	0.02263	n/a	2/14/2022	0.02	No	23	0.01862	0.0018	0	None	No	0.0007523	Param Intra 1 of 2
Vanadium, Total (mg/L)	GWC-29	0.007283	n/a	2/14/2022	0.0047	No	23	0.004774	0.001126	8.696	None	No	0.0007523	Param Intra 1 of 2
Vanadium, Total (mg/L)	GWC-50	0.004715	n/a	2/14/2022	0.0042	No	23	0.003096	0.0007265	39.13	Kaplan-Meier	No	0.0007523	Param Intra 1 of 2
Vanadium, Total (mg/L)	GWC-51	0.007316	n/a	2/15/2022	0.0049	No	23	0.004446	0.001288	21.74	Kaplan-Meier	No	0.0007523	Param Intra 1 of 2

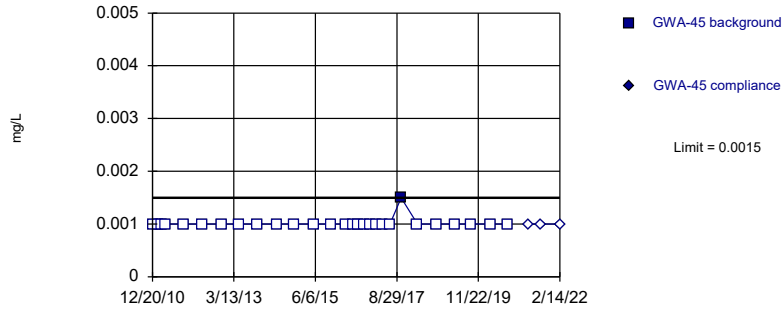
Appendix I Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 4/7/2022, 10:20 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method
Vanadium, Total (mg/L)	GWC-52	0.01371	n/a	2/14/2022	0.011	No	23	0.01109	0.001178	8.696	None	No	0.0007523 Param Intra 1 of 2
Vanadium, Total (mg/L)	GWC-53	0.0065	n/a	2/14/2022	0.0014	No	22	n/a	n/a	81.82	n/a	n/a	0.003707 NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWA-21	0.005	n/a	2/14/2022	0.005ND	No	23	n/a	n/a	91.3	n/a	n/a	0.003415 NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWA-22	0.0085	n/a	2/15/2022	0.003J	No	21	n/a	n/a	95.24	n/a	n/a	0.003999 NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWA-45	0.0098	n/a	2/14/2022	0.003J	No	23	n/a	n/a	82.61	n/a	n/a	0.003415 NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWA-46	0.0096	n/a	2/14/2022	0.005ND	No	22	n/a	n/a	77.27	n/a	n/a	0.003707 NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWA-47	0.0087	n/a	2/14/2022	0.005ND	No	21	n/a	n/a	90.48	n/a	n/a	0.003999 NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWA-48	0.005	n/a	2/14/2022	0.005ND	No	23	n/a	n/a	91.3	n/a	n/a	0.003415 NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWA-49	0.005	n/a	2/14/2022	0.005ND	No	23	n/a	n/a	91.3	n/a	n/a	0.003415 NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWC-29	0.0058	n/a	2/14/2022	0.005ND	No	23	n/a	n/a	95.65	n/a	n/a	0.003415 NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWC-50	0.0076	n/a	2/14/2022	0.005ND	No	23	n/a	n/a	86.96	n/a	n/a	0.003415 NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWC-51	0.005	n/a	2/15/2022	0.005ND	No	23	n/a	n/a	91.3	n/a	n/a	0.003415 NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWC-52	0.0073	n/a	2/14/2022	0.005ND	No	23	n/a	n/a	91.3	n/a	n/a	0.003415 NP Intra (NDs) 1 of 2
Zinc, Total (mg/L)	GWC-53	0.02028	n/a	2/14/2022	0.014	No	22	0.01392	0.002833	0	None	No	0.0007523 Param Intra 1 of 2

Within Limit

Prediction Limit Intrawell Non-parametric

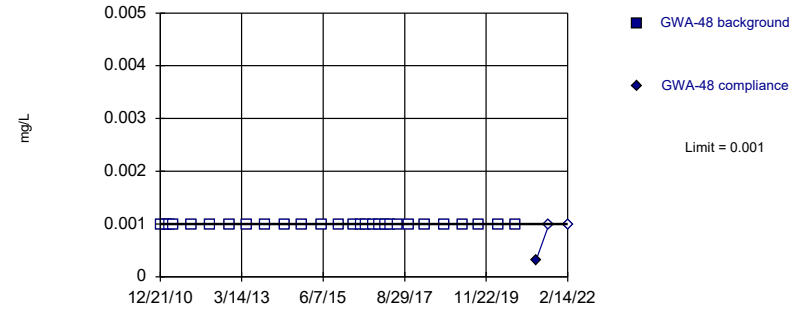


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 96.43% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Arsenic, Total Analysis Run 4/7/2022 10:01 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

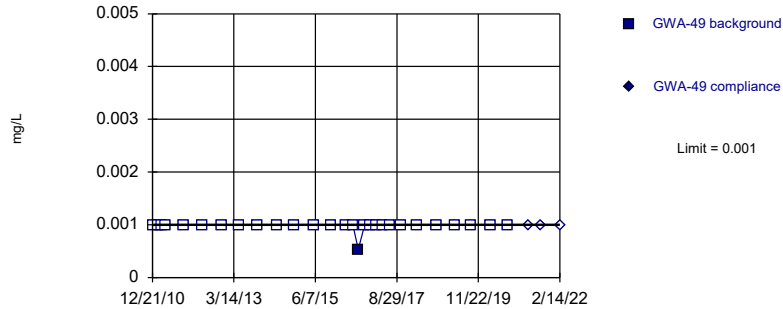


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 28) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Arsenic, Total Analysis Run 4/7/2022 10:01 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

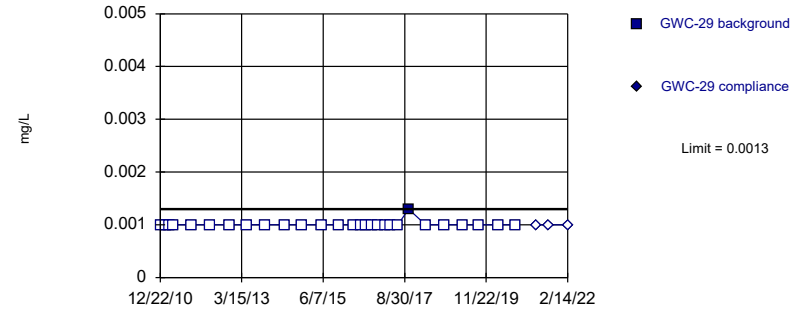


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 96.43% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Arsenic, Total Analysis Run 4/7/2022 10:01 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

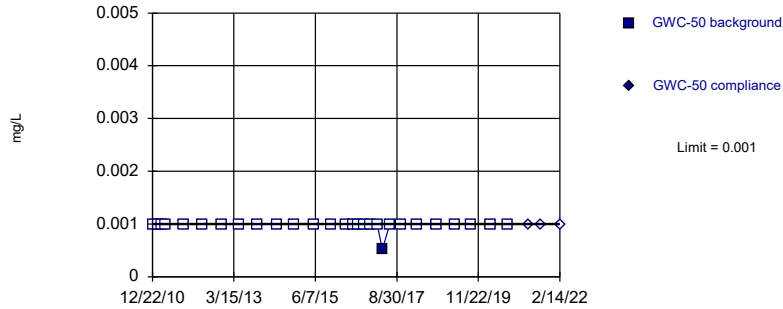


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 96.43% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Arsenic, Total Analysis Run 4/7/2022 10:01 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

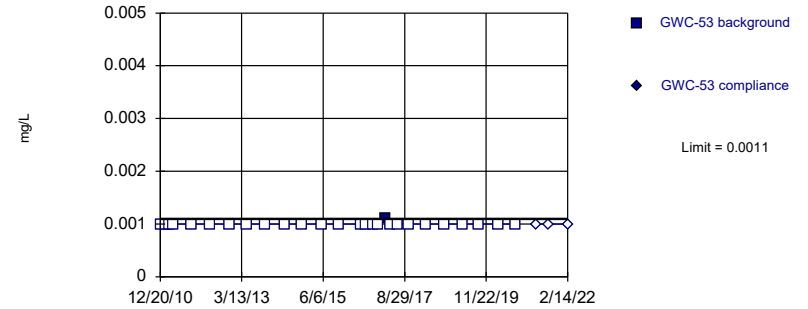


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 96.43% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Arsenic, Total Analysis Run 4/7/2022 10:01 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

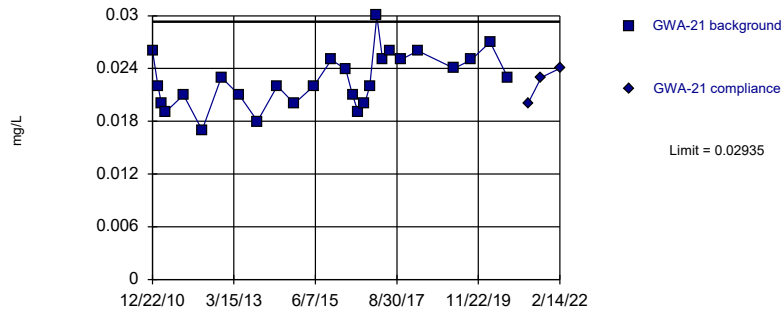


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 27 background values. 96.3% NDs. Well-constituent pair annual alpha = 0.004998. Individual comparison alpha = 0.002502 (1 of 2).

Constituent: Arsenic, Total Analysis Run 4/7/2022 10:01 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
 Intrawell Parametric

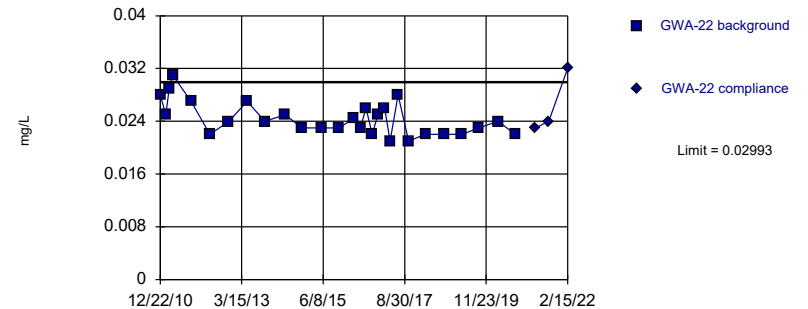


Background Data Summary: Mean=0.0227, Std. Dev.=0.00306, n=27. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9786, critical = 0.894. Kappa = 2.172 (c=14, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

Constituent: Barium, Total Analysis Run 4/7/2022 10:01 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Exceeds Limit

Prediction Limit
 Intrawell Parametric

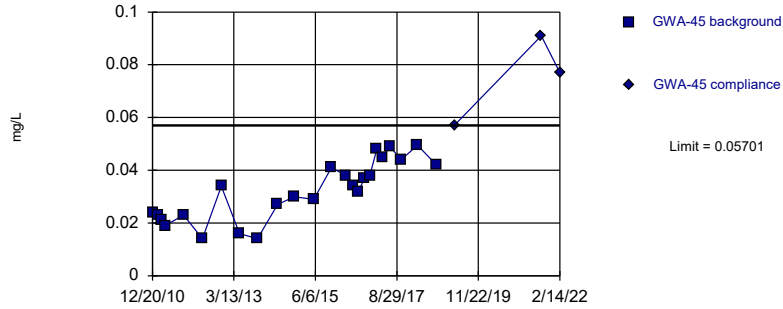


Background Data Summary: Mean=0.02437, Std. Dev.=0.00257, n=28. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9209, critical = 0.896. Kappa = 2.162 (c=14, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

Constituent: Barium, Total Analysis Run 4/7/2022 10:01 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Exceeds Limit

Prediction Limit
Intrawell Parametric

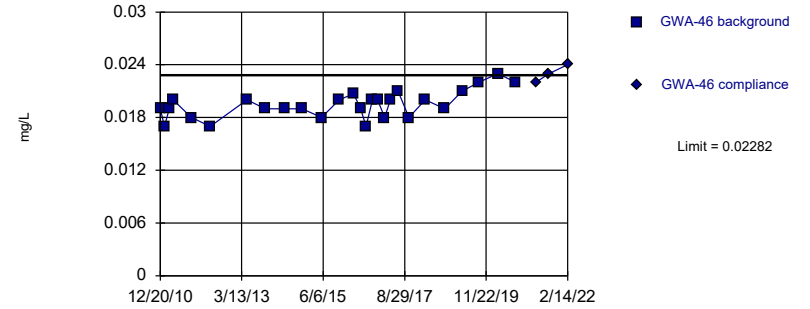


Background Data Summary: Mean=0.03215, Std. Dev.=0.01125, n=24. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9526, critical = 0.884. Kappa = 2.211 (c=14, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

Constituent: Barium, Total Analysis Run 4/7/2022 10:01 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Exceeds Limit

Prediction Limit
Intrawell Parametric

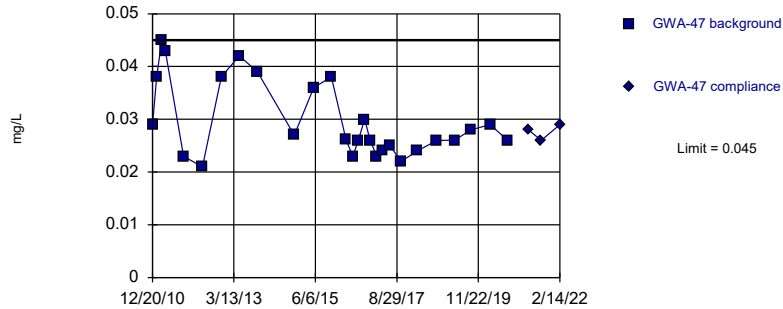


Background Data Summary: Mean=0.01947, Std. Dev.=0.001543, n=27. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9506, critical = 0.894. Kappa = 2.172 (c=14, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

Constituent: Barium, Total Analysis Run 4/7/2022 10:01 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

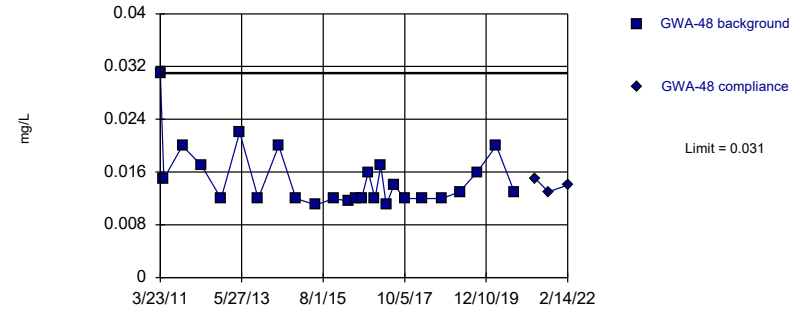


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 27 background values. Well-constituent pair annual alpha = 0.004998. Individual comparison alpha = 0.002502 (1 of 2).

Constituent: Barium, Total Analysis Run 4/7/2022 10:01 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

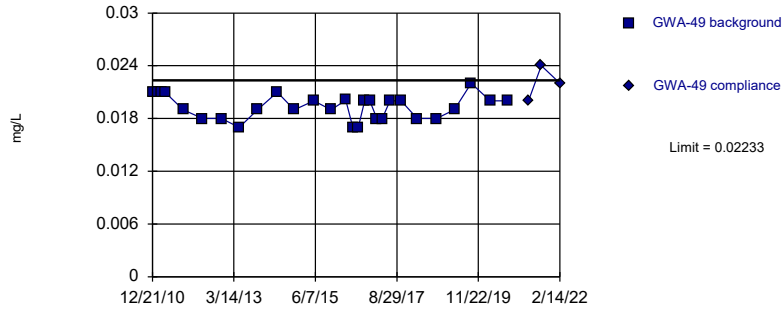


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 26 background values. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Barium, Total Analysis Run 4/7/2022 10:01 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

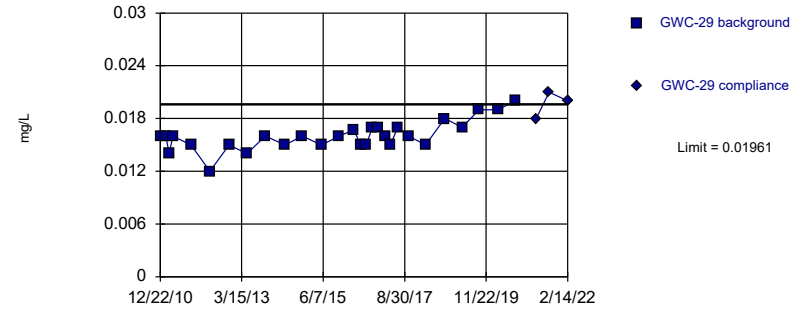


Background Data Summary: Mean=0.01933, Std. Dev.=0.001391, n=28. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.931, critical = 0.896. Kappa = 2.162 (c=14, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

Constituent: Barium, Total Analysis Run 4/7/2022 10:01 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Exceeds Limit

Prediction Limit
Intrawell Parametric

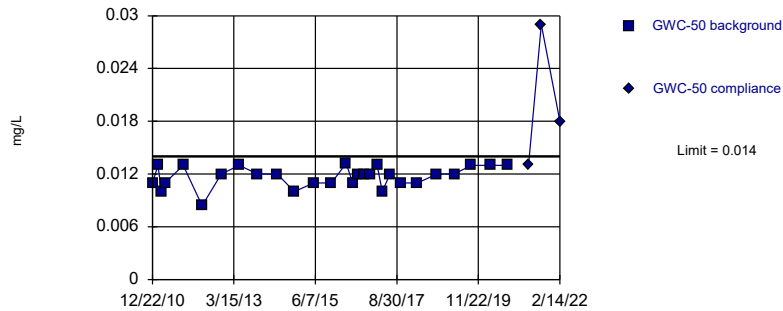


Background Data Summary: Mean=0.01603, Std. Dev.=0.001661, n=28. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9382, critical = 0.896. Kappa = 2.162 (c=14, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

Constituent: Barium, Total Analysis Run 4/7/2022 10:01 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Exceeds Limit

Prediction Limit
Intrawell Parametric

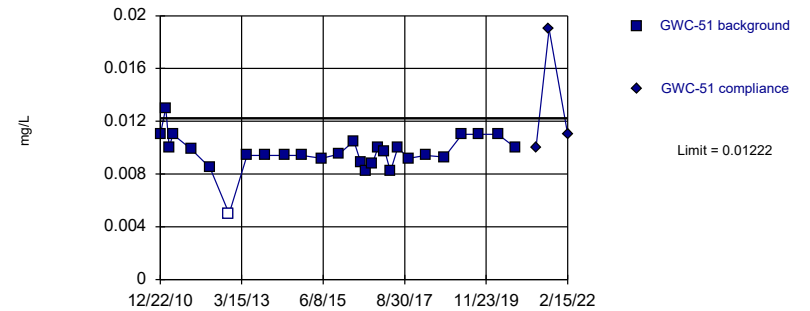


Background Data Summary (based on square transformation): Mean=0.0001382, Std. Dev.=0.00002671, n=28. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.902, critical = 0.896. Kappa = 2.162 (c=14, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

Constituent: Barium, Total Analysis Run 4/7/2022 10:01 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

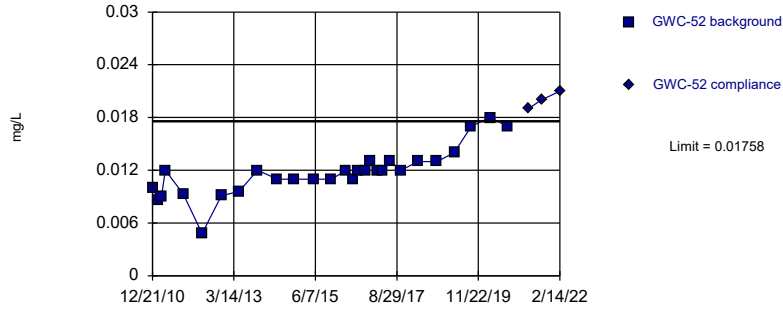


Background Data Summary (based on square transformation): Mean=0.00009473, Std. Dev.=0.00002527, n=28, 3.571% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9199, critical = 0.896. Kappa = 2.162 (c=14, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

Constituent: Barium, Total Analysis Run 4/7/2022 10:01 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Exceeds Limit

Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=0.01176, Std. Dev.=0.00269, n=28. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9249, critical = 0.896. Kappa = 2.162 (c=14, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

Constituent: Barium, Total Analysis Run 4/7/2022 10:01 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

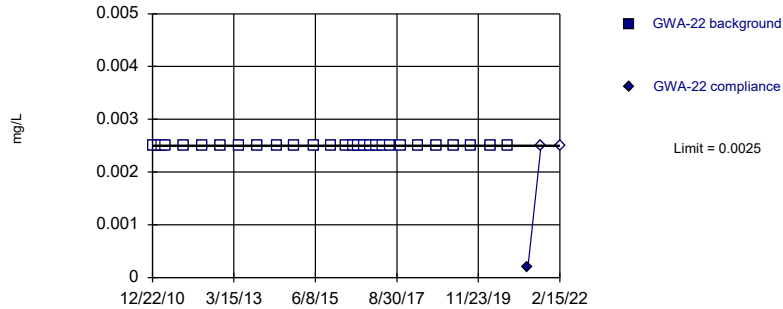


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 28 background values. 7.143% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Barium, Total Analysis Run 4/7/2022 10:01 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

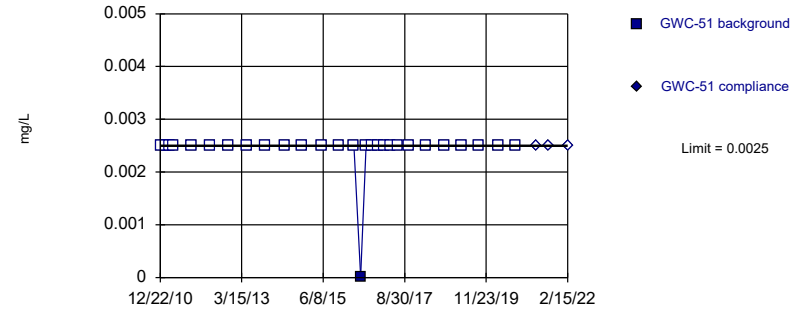


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 28) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Beryllium, Total Analysis Run 4/7/2022 10:01 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

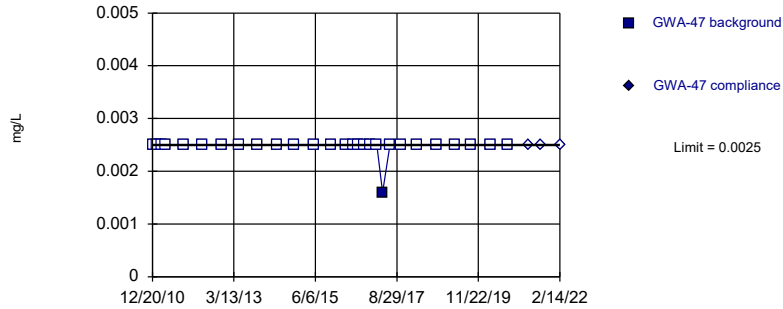


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 96.43% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Beryllium, Total Analysis Run 4/7/2022 10:01 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

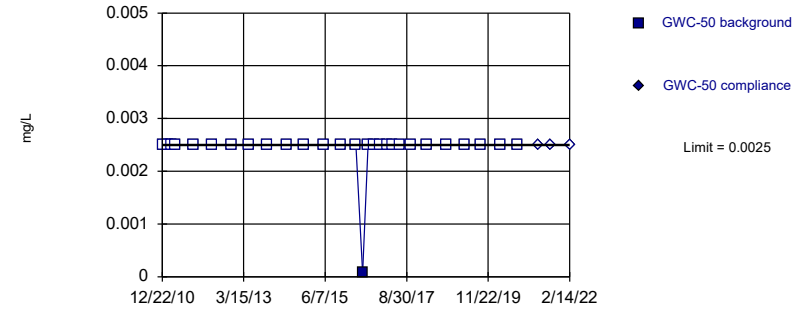


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 96.43% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Cadmium, Total Analysis Run 4/7/2022 10:01 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

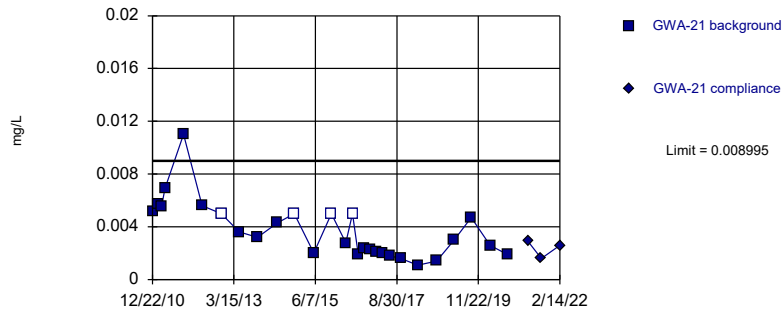


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 96.43% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Cadmium, Total Analysis Run 4/7/2022 10:01 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

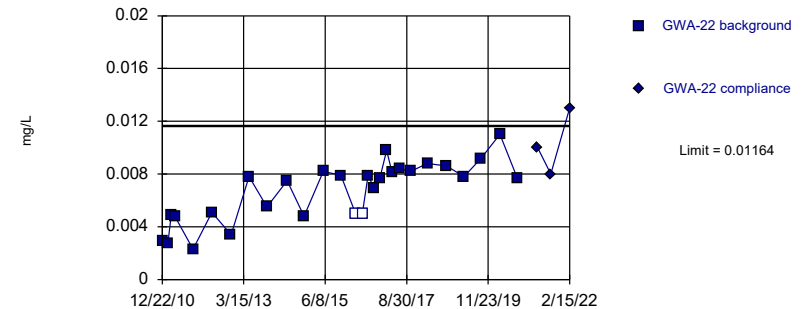


Background Data Summary (based on square root transformation): Mean=0.05889, Std. Dev.=0.01663, n=28, 14.29% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9352, critical = 0.896. Kappa = 2.162 (c=14, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

Constituent: Chromium, Total Analysis Run 4/7/2022 10:01 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Exceeds Limit

Prediction Limit
Intrawell Parametric

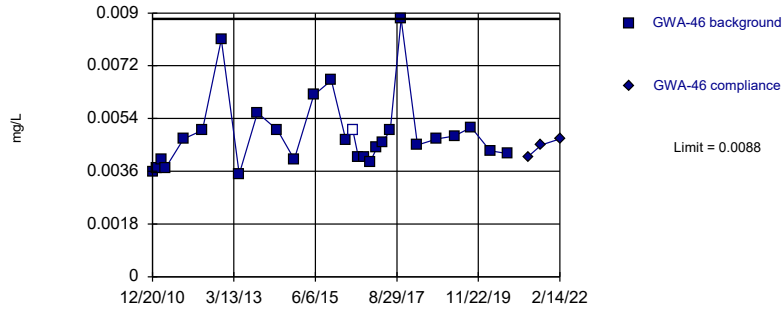


Background Data Summary: Mean=0.006711, Std. Dev.=0.002282, n=28, 7.143% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9315, critical = 0.896. Kappa = 2.162 (c=14, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

Constituent: Chromium, Total Analysis Run 4/7/2022 10:01 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

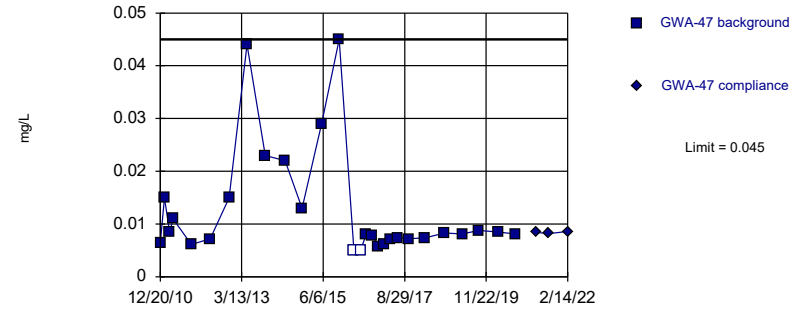


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 28 background values. 3.571% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Chromium, Total Analysis Run 4/7/2022 10:01 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

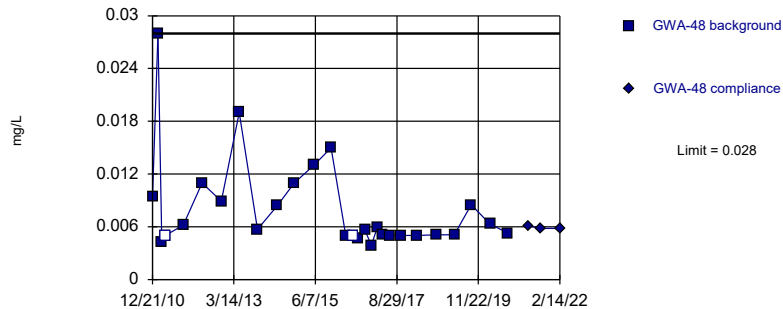


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 28 background values. 7.143% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Chromium, Total Analysis Run 4/7/2022 10:01 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

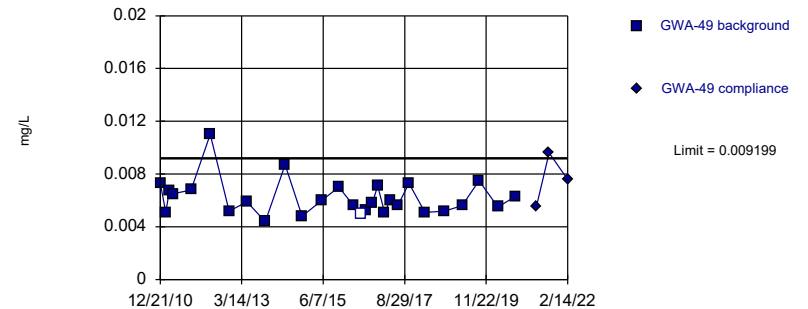


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 28 background values. 7.143% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Chromium, Total Analysis Run 4/7/2022 10:01 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

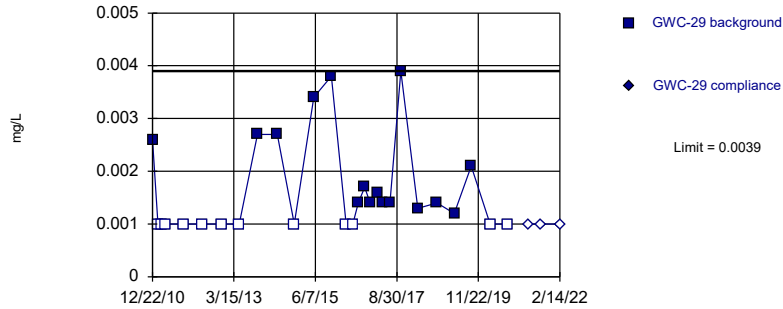


Background Data Summary (based on square root transformation): Mean=0.07829, Std. Dev.=0.008154, n=28, 3.571% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8979, critical = 0.896. Kappa = 2.162 (c=14, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

Constituent: Chromium, Total Analysis Run 4/7/2022 10:01 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

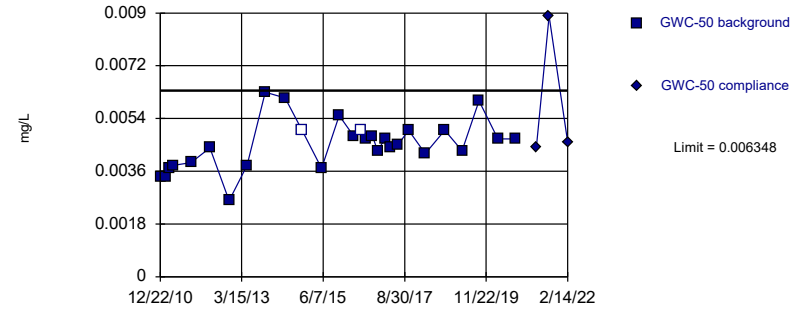


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 28 background values. 42.86% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Chromium, Total Analysis Run 4/7/2022 10:01 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

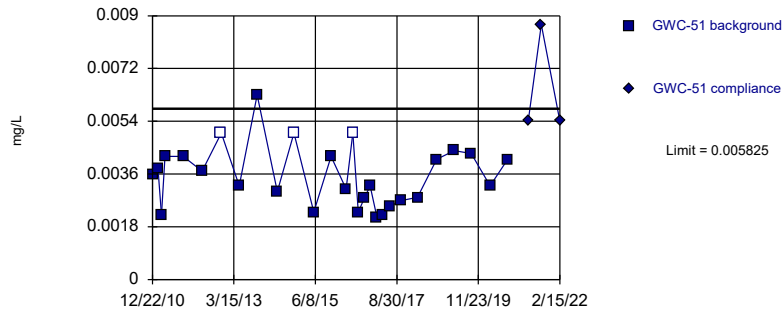


Background Data Summary: Mean=0.004525, Std. Dev.=0.0008434, n=28, 7.143% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9702, critical = 0.896. Kappa = 2.162 (c=14, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

Constituent: Chromium, Total Analysis Run 4/7/2022 10:01 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

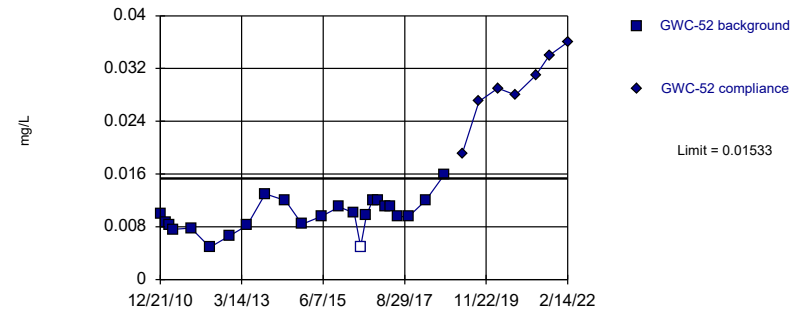


Background Data Summary: Mean=0.003553, Std. Dev.=0.001051, n=28, 10.71% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.945, critical = 0.896. Kappa = 2.162 (c=14, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

Constituent: Chromium, Total Analysis Run 4/7/2022 10:01 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Exceeds Limit

Prediction Limit
Intrawell Parametric

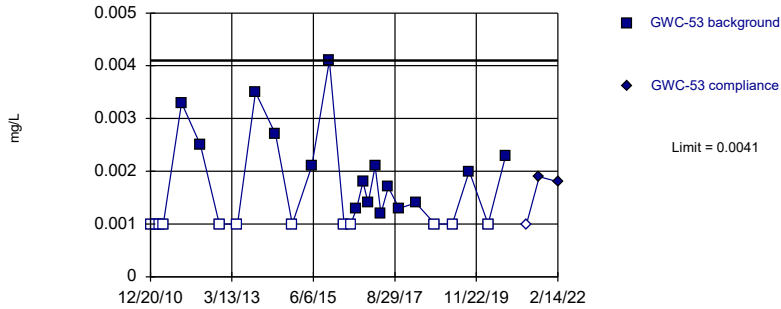


Background Data Summary: Mean=0.00975, Std. Dev.=0.002526, n=24, 4.167% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9716, critical = 0.884. Kappa = 2.211 (c=14, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

Constituent: Chromium, Total Analysis Run 4/7/2022 10:01 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

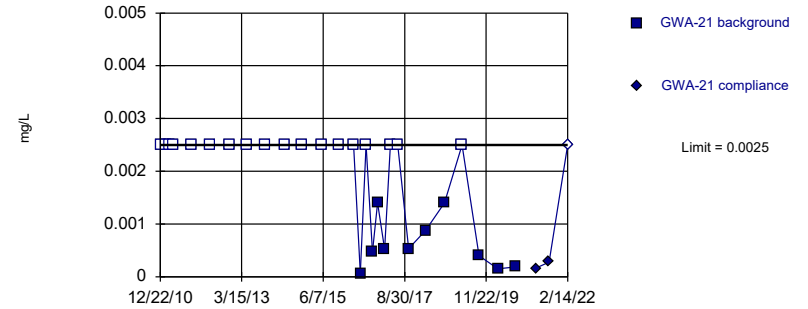


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 28 background values. 42.86% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Chromium, Total Analysis Run 4/7/2022 10:01 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

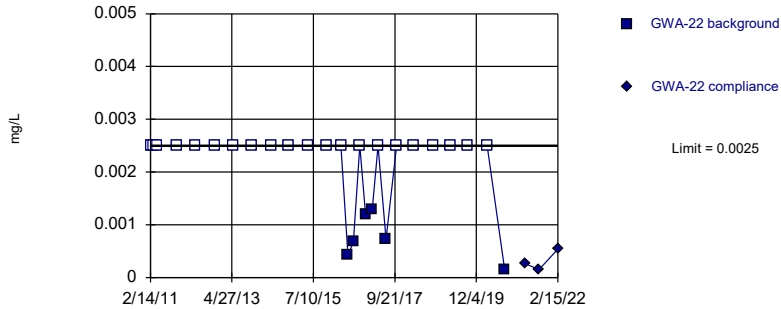


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 64.29% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Cobalt, Total Analysis Run 4/7/2022 10:01 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

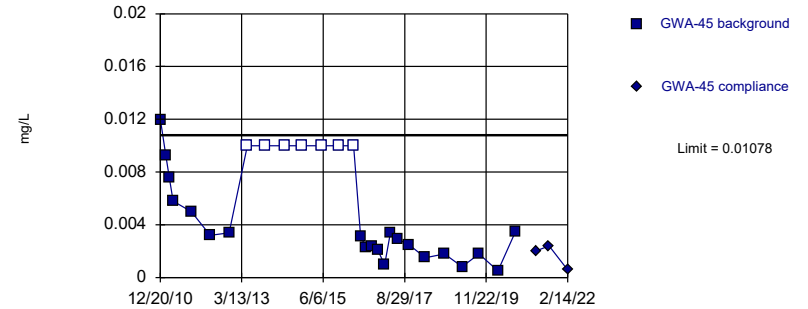


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 27 background values. 77.78% NDs. Well-constituent pair annual alpha = 0.004998. Individual comparison alpha = 0.002502 (1 of 2).

Constituent: Cobalt, Total Analysis Run 4/7/2022 10:01 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

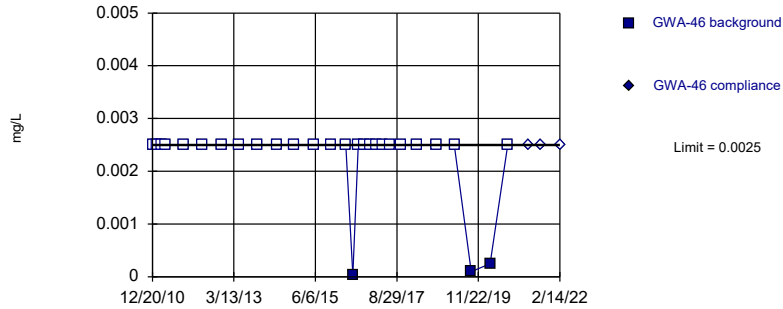


Background Data Summary (based on cube root transformation) (after Kaplan-Meier Adjustment): Mean=0.1408, Std. Dev.=0.03707, n=28, 25% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9082, critical = 0.896. Kappa = 2.162 (c=14, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

Constituent: Cobalt, Total Analysis Run 4/7/2022 10:01 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

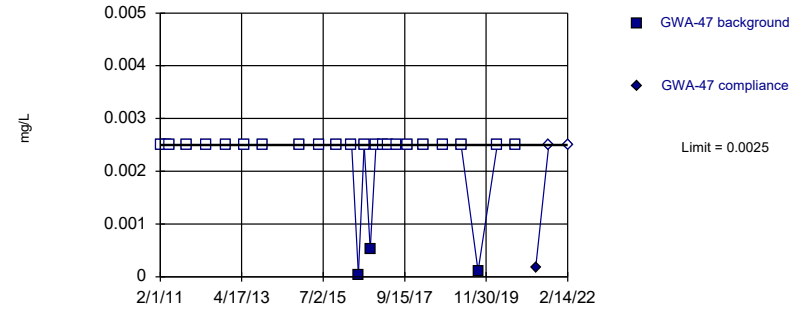


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 89.29% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Cobalt, Total Analysis Run 4/7/2022 10:01 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

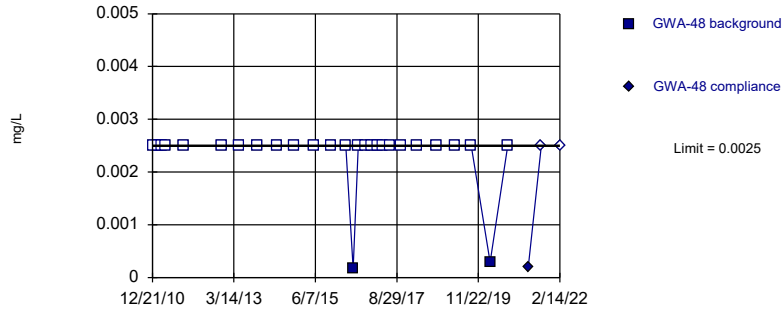


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 88.46% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Cobalt, Total Analysis Run 4/7/2022 10:01 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

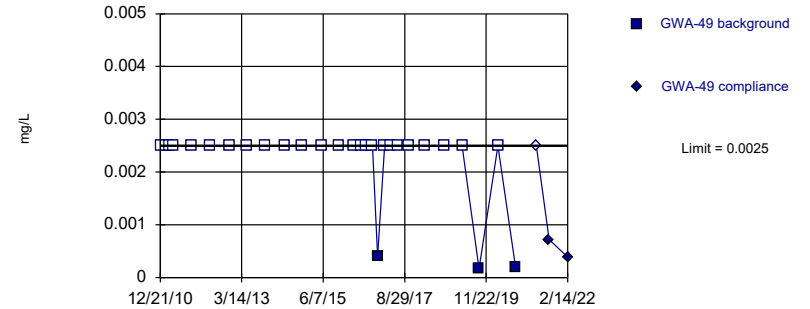


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 27 background values. 92.59% NDs. Well-constituent pair annual alpha = 0.004998. Individual comparison alpha = 0.002502 (1 of 2).

Constituent: Cobalt, Total Analysis Run 4/7/2022 10:01 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

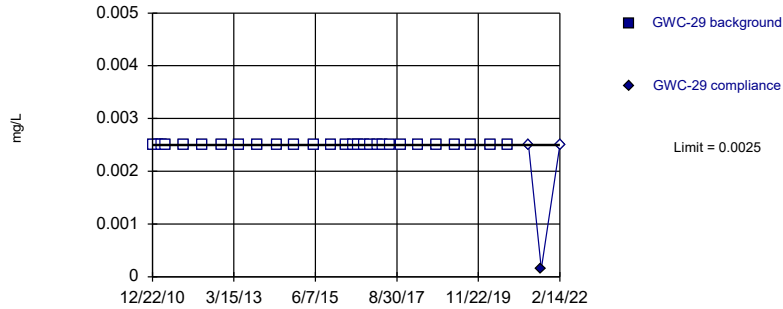


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 89.29% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Cobalt, Total Analysis Run 4/7/2022 10:01 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

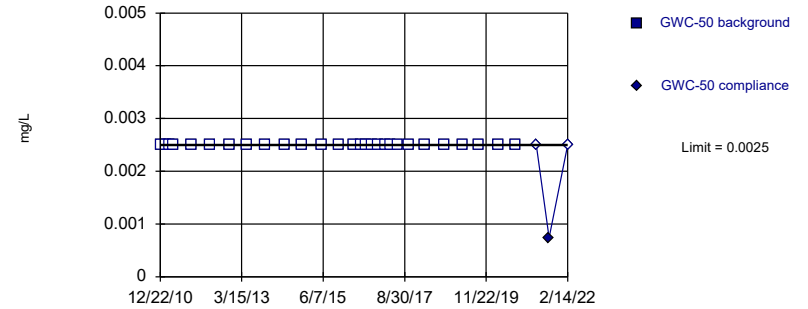


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 28) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Cobalt, Total Analysis Run 4/7/2022 10:01 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

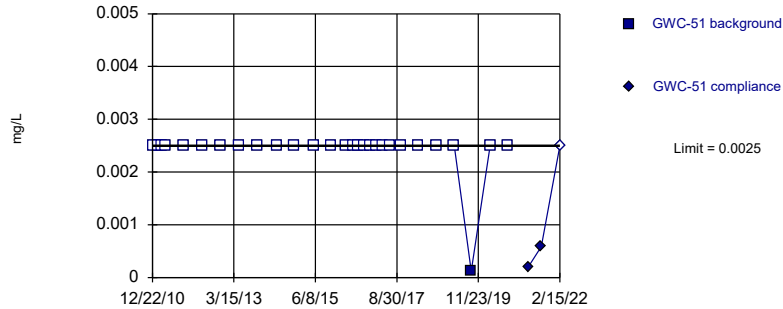


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 28) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Cobalt, Total Analysis Run 4/7/2022 10:01 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

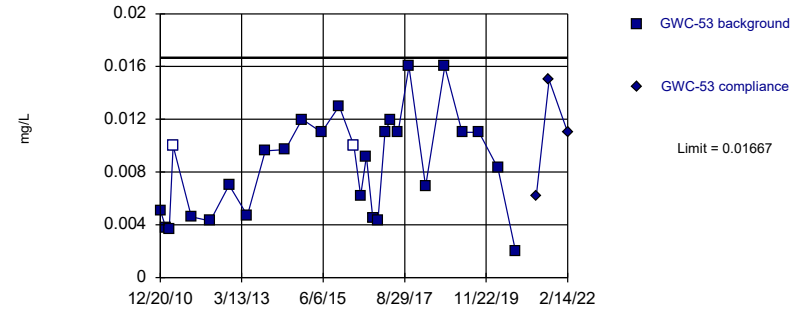


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 96.43% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Cobalt, Total Analysis Run 4/7/2022 10:01 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
 Intrawell Parametric

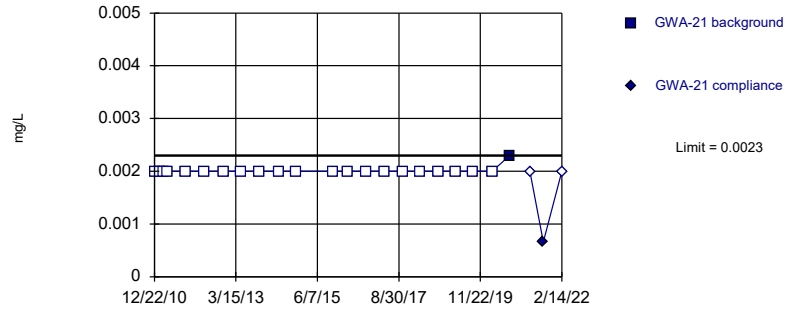


Background Data Summary: Mean=0.008496, Std. Dev.=0.003782, n=28, 7.143% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9427, critical = 0.896. Kappa = 2.162 (c=14, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

Constituent: Cobalt, Total Analysis Run 4/7/2022 10:01 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

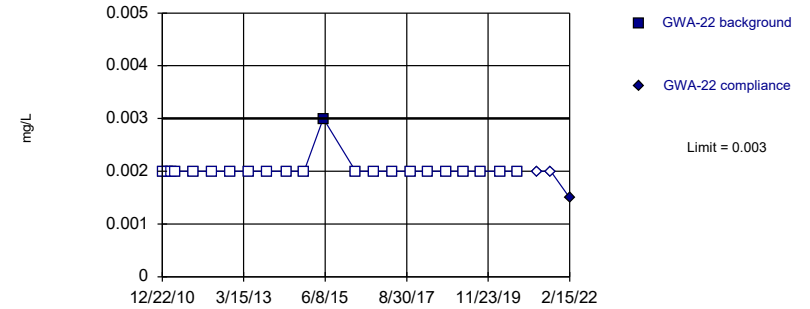


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Copper, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

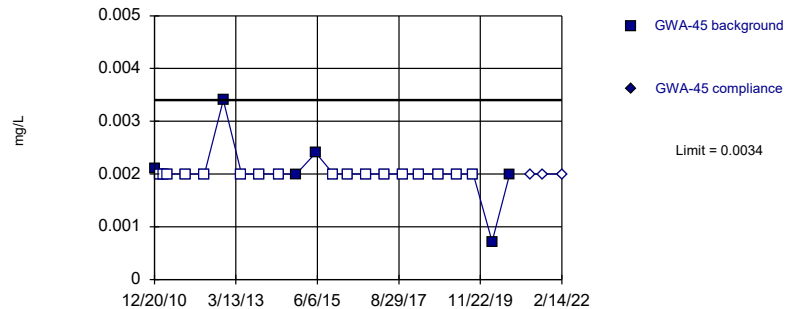


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Copper, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

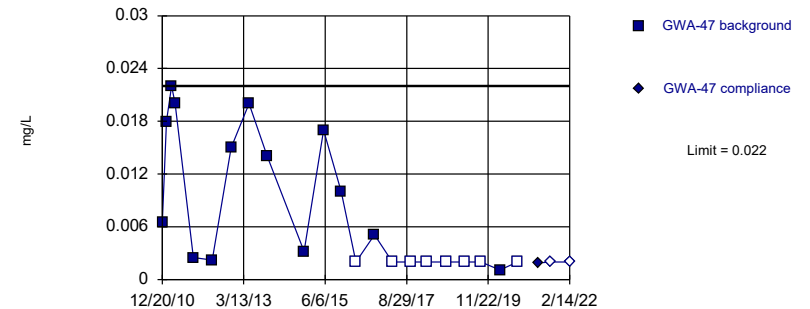


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 73.91% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Copper, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

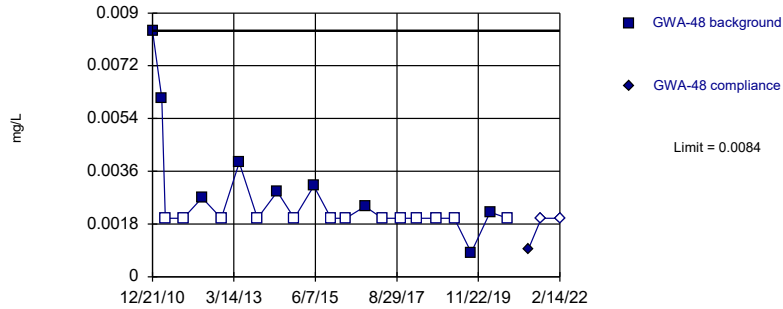


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 22 background values. 36.36% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Copper, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

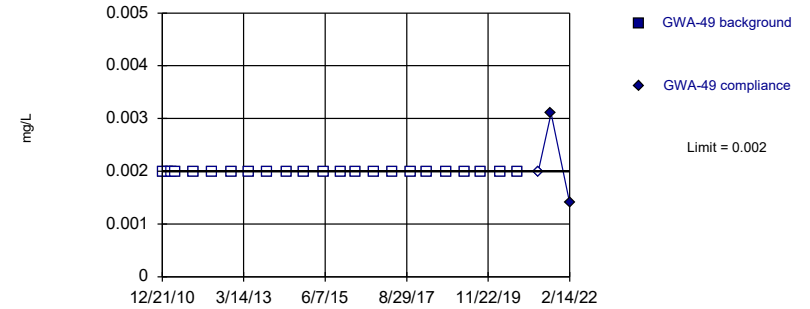


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 59.09% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Copper, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

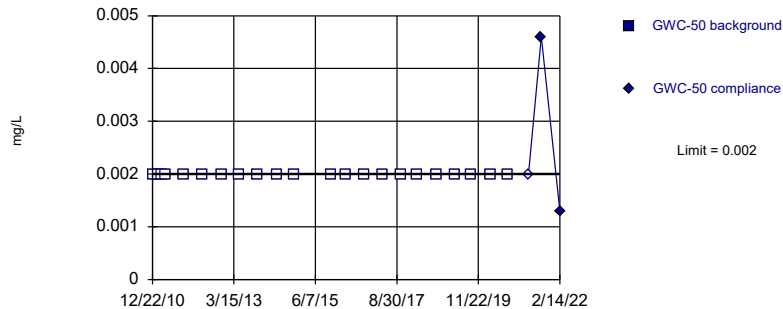


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Copper, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

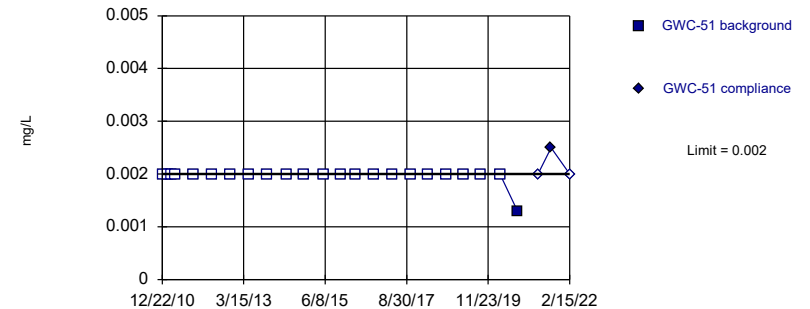


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Copper, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

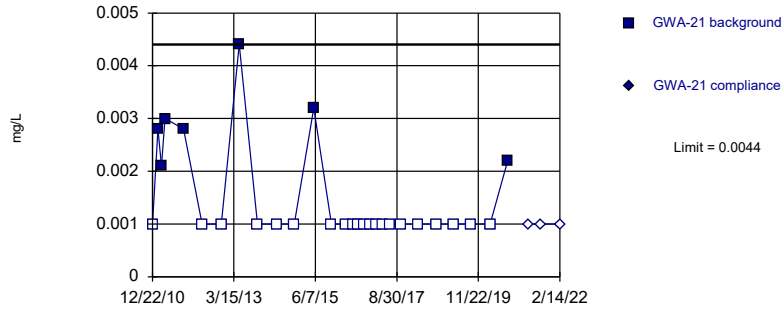


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Copper, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

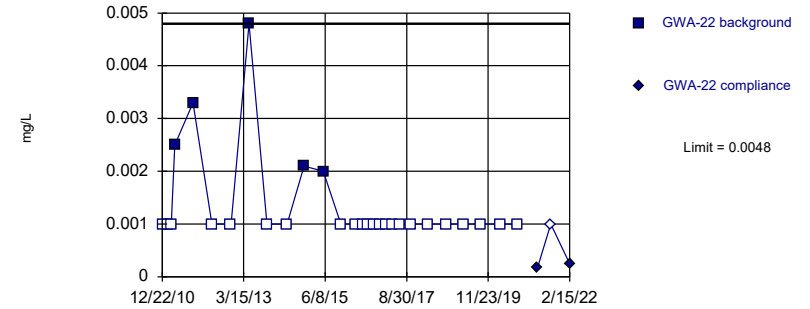


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 75% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Lead, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

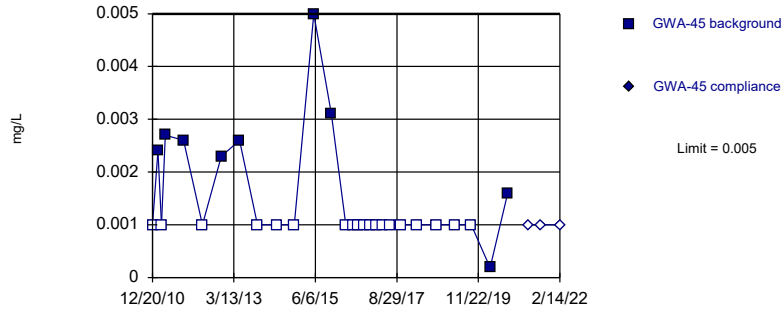


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 82.14% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Lead, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

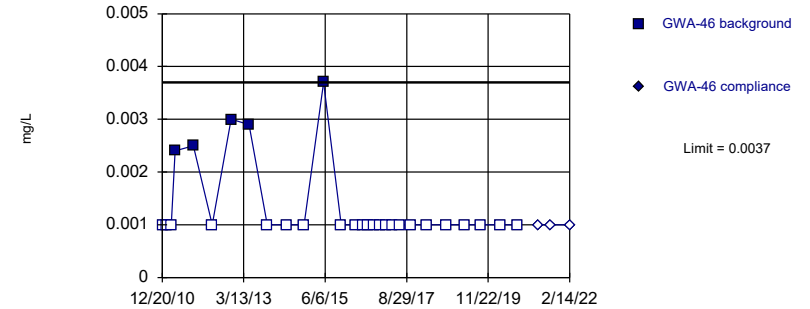


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 67.86% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Lead, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

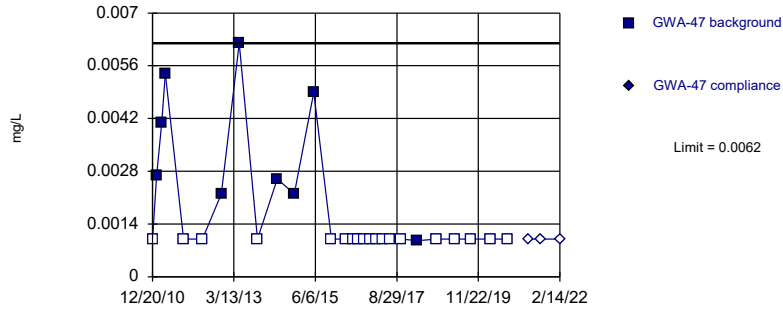


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 82.14% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Lead, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

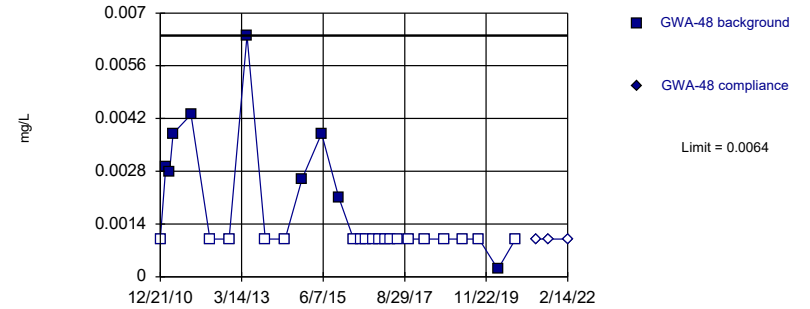


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 67.86% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Lead, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

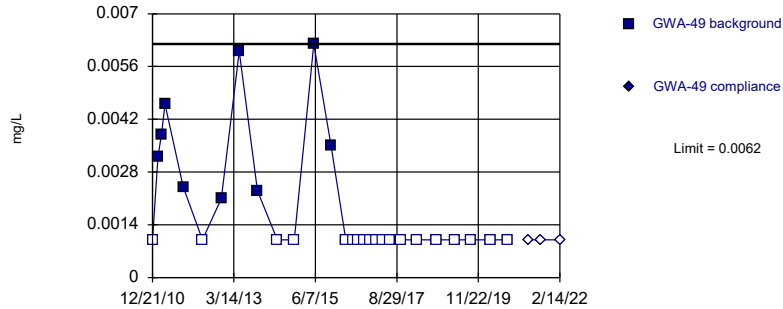


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 67.86% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Lead, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

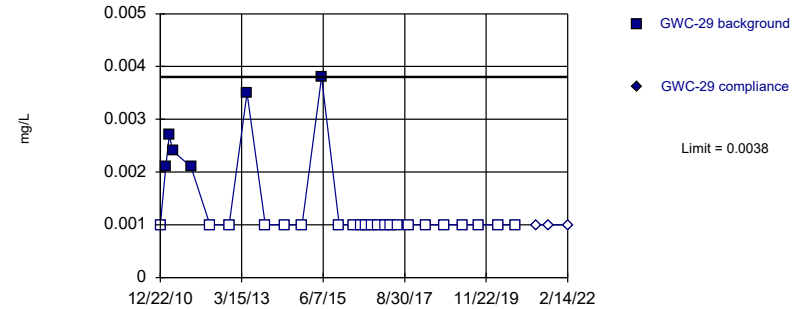


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 67.86% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Lead, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

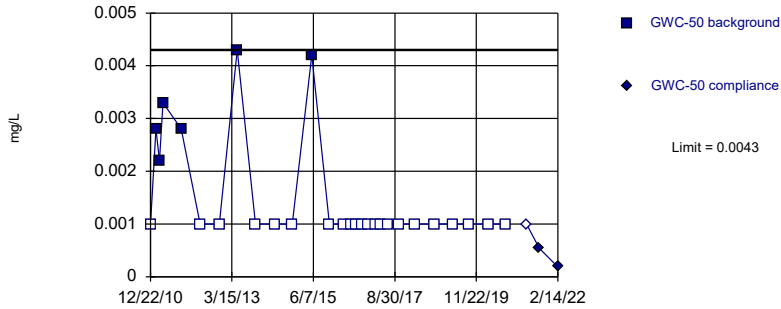


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 78.57% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Lead, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

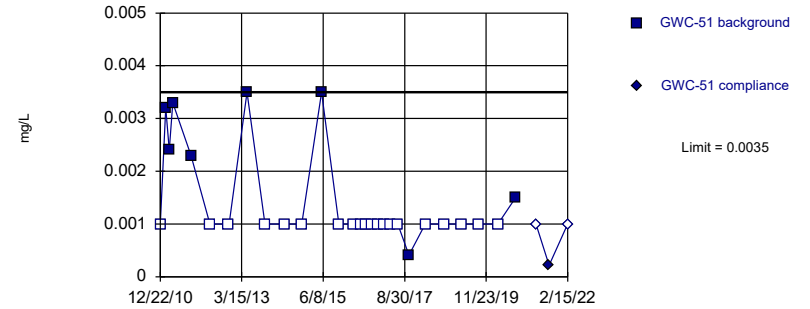


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 78.57% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Lead, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

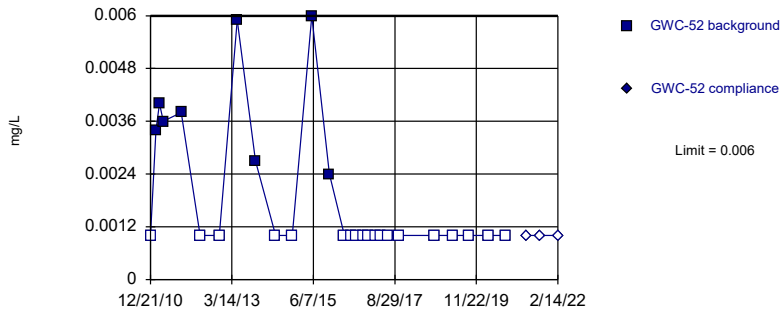


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 71.43% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Lead, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

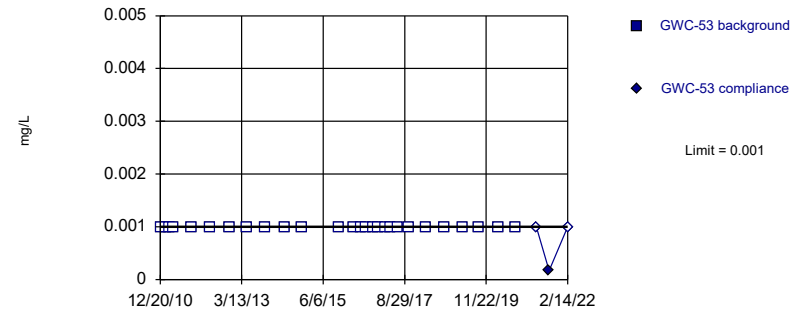


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 27 background values. 70.37% NDs. Well-constituent pair annual alpha = 0.004998. Individual comparison alpha = 0.002502 (1 of 2).

Constituent: Lead, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

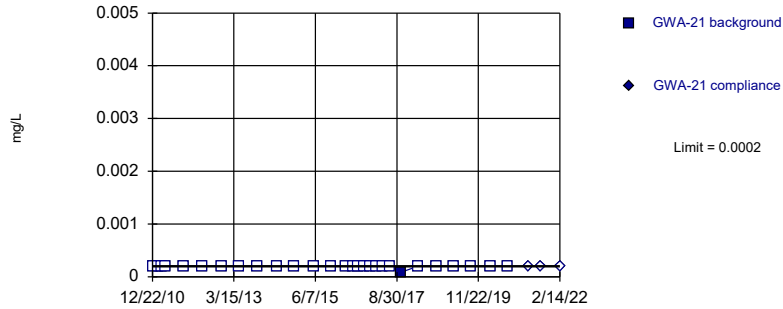


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 27) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004998. Individual comparison alpha = 0.002502 (1 of 2).

Constituent: Lead, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

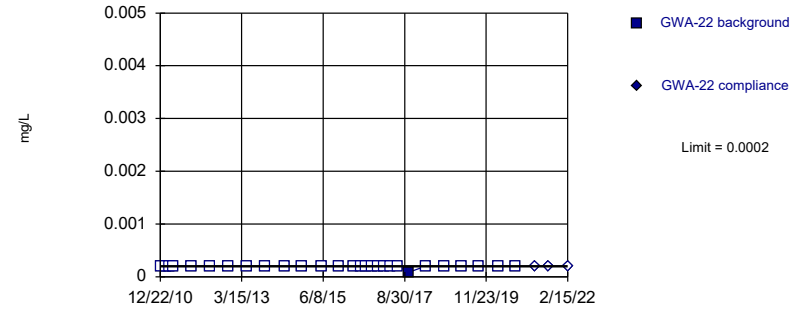


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 96.43% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Mercury, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

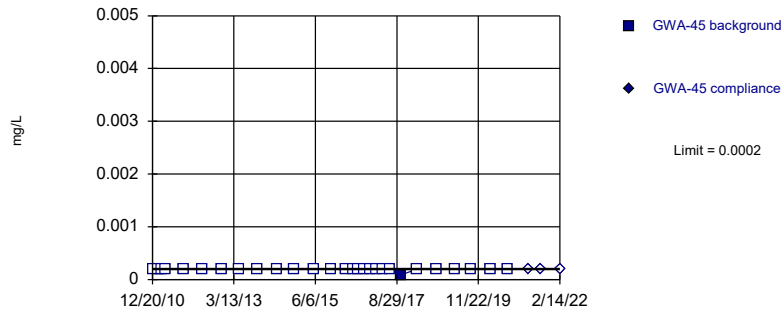


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 96.43% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Mercury, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

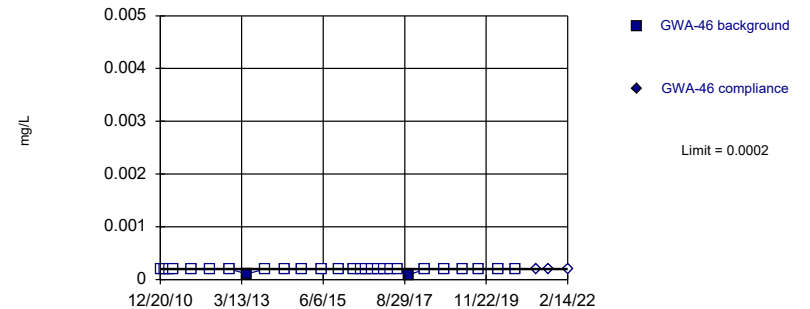


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 96.43% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Mercury, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

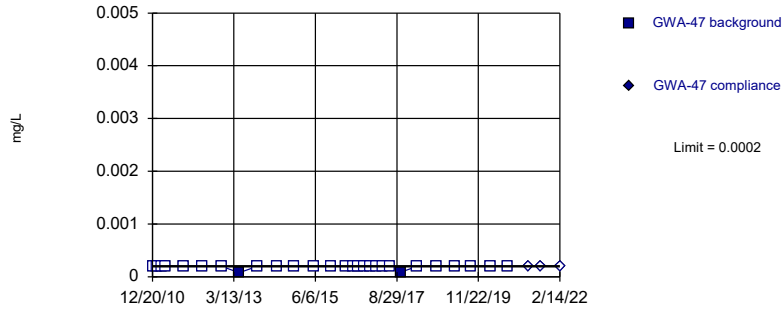


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 92.86% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Mercury, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

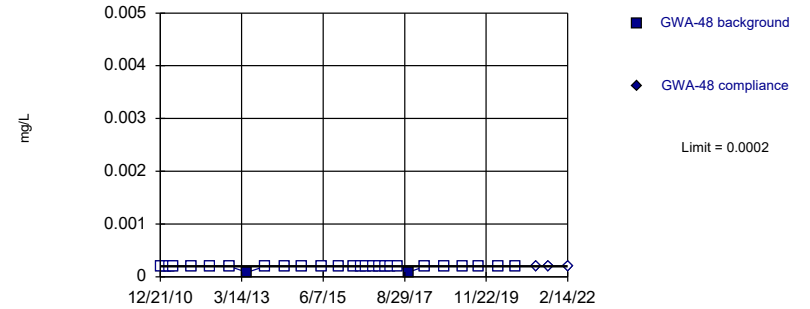


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 92.86% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Mercury, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

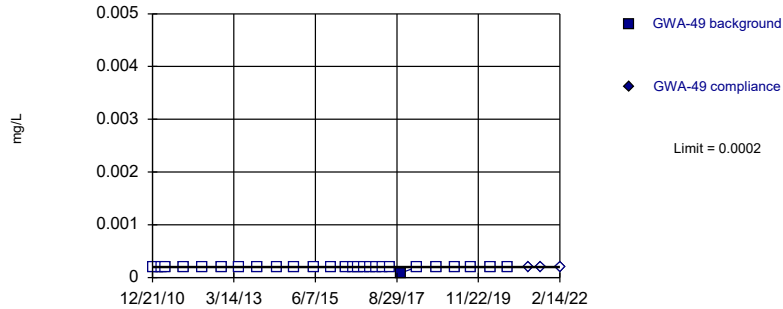


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 92.86% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Mercury, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

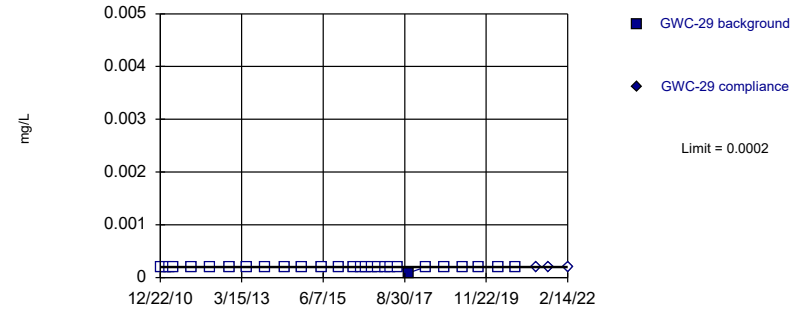


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 96.43% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Mercury, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

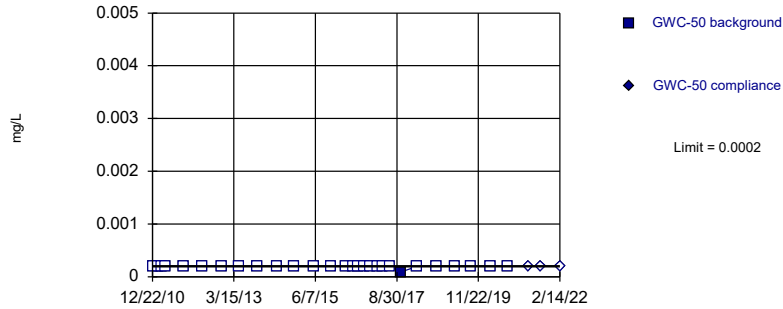


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 96.43% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Mercury, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

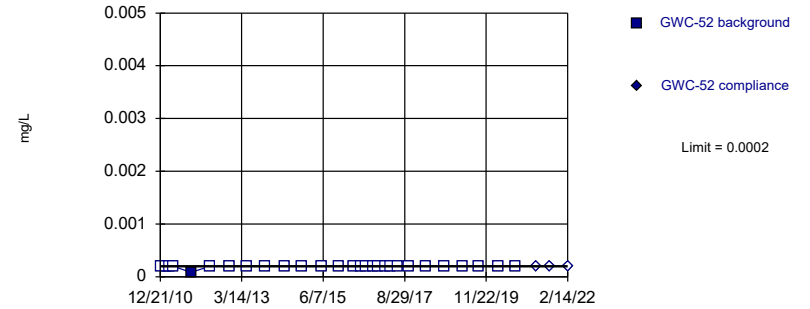


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 96.43% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Mercury, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

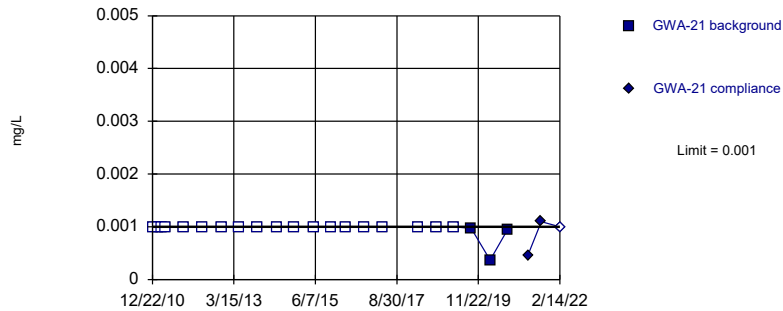


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 96.43% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Mercury, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

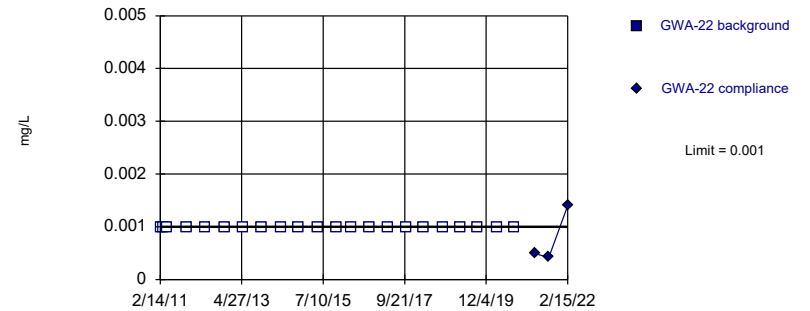


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 86.36% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Nickel, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Exceeds Limit

Prediction Limit
Intrawell Non-parametric

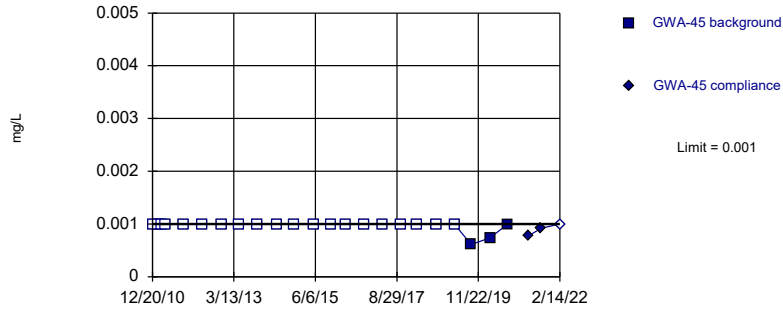


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Nickel, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

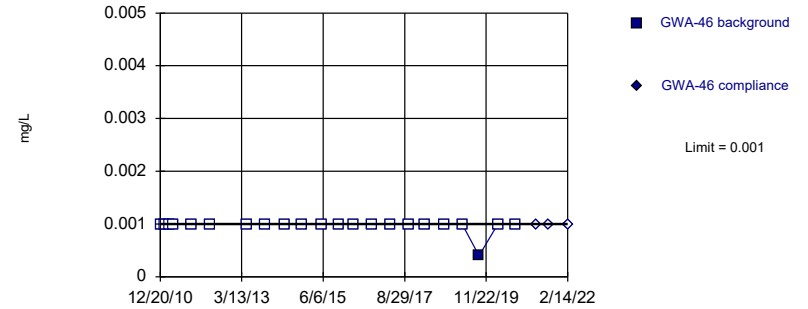


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 86.96% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Nickel, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

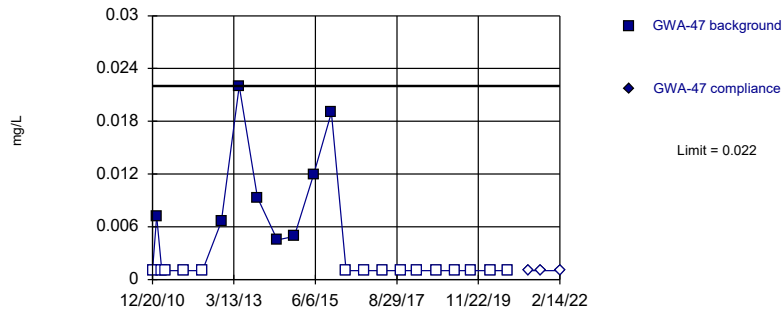


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Nickel, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

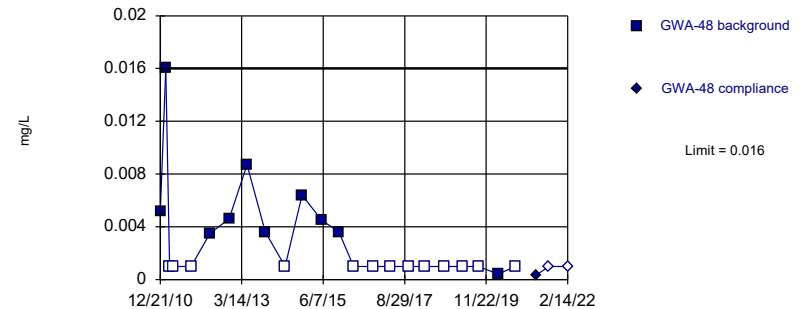


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 65.22% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Nickel, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

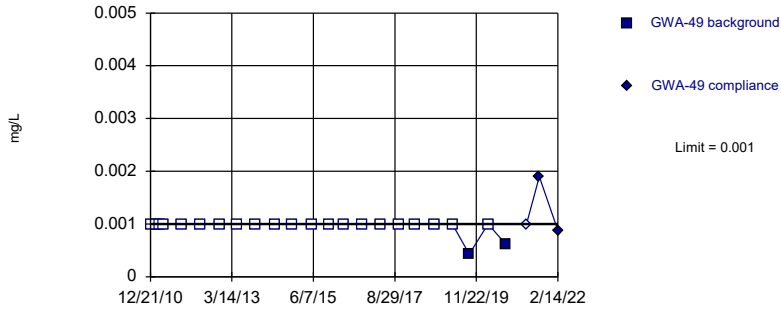


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 56.52% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Nickel, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

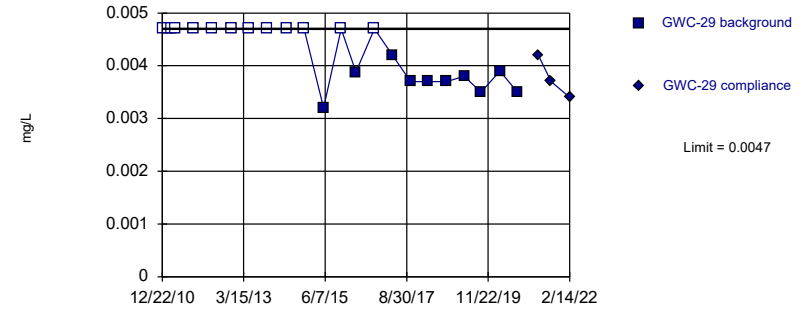


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Nickel, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

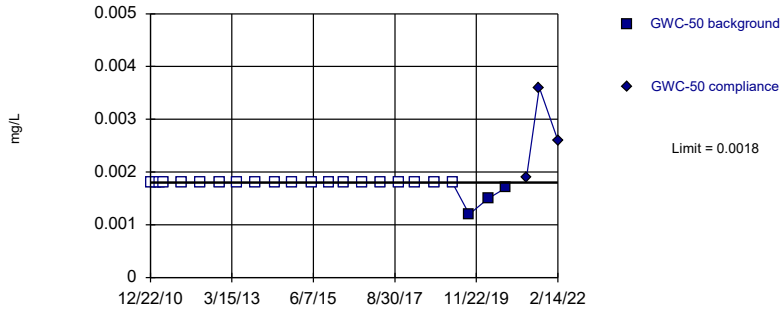


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 56.52% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Nickel, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Exceeds Limit

Prediction Limit
Intrawell Non-parametric

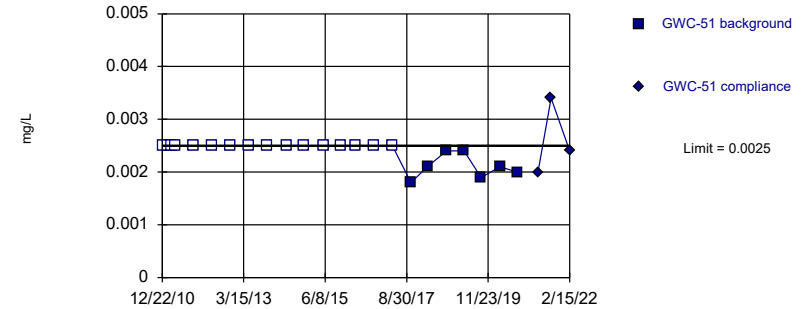


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 86.96% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Nickel, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

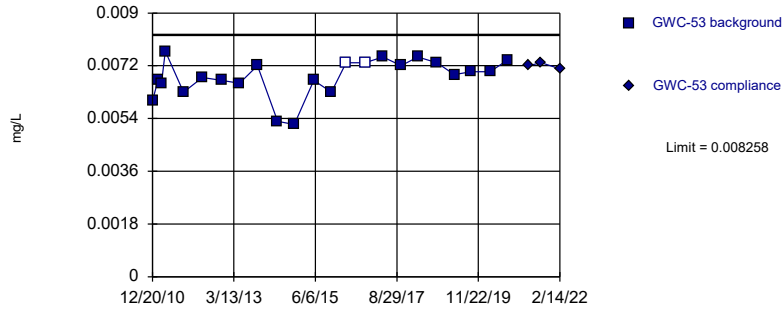


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 69.57% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Nickel, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

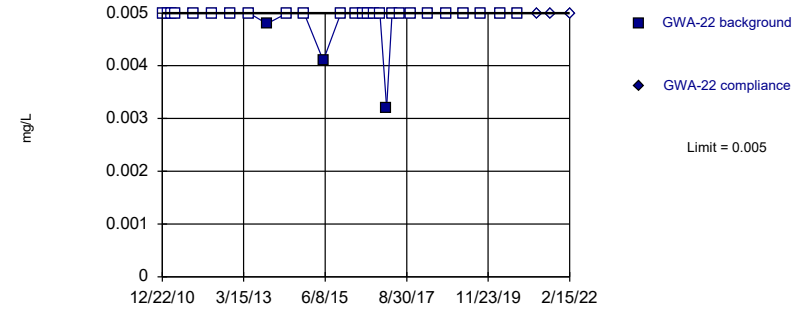


Background Data Summary: Mean=0.006804, Std. Dev.=0.0006526, n=23, 8.696% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9035, critical = 0.881. Kappa = 2.228 (c=14, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

Constituent: Nickel, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

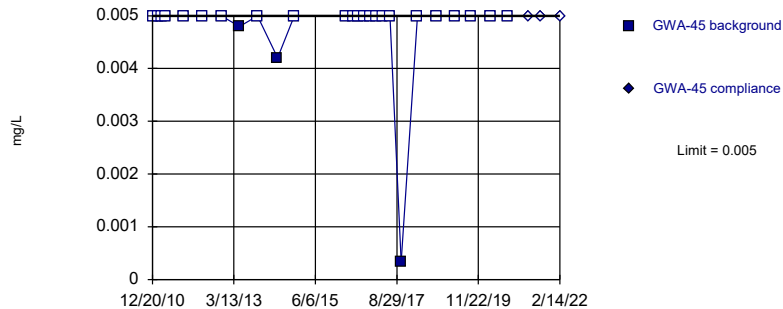


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 89.29% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Selenium, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

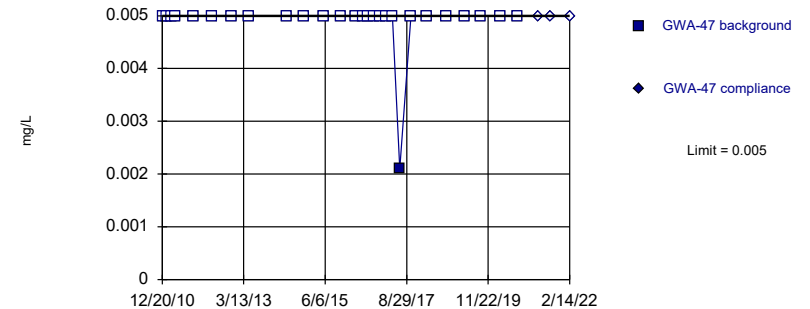


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 88.46% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Selenium, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

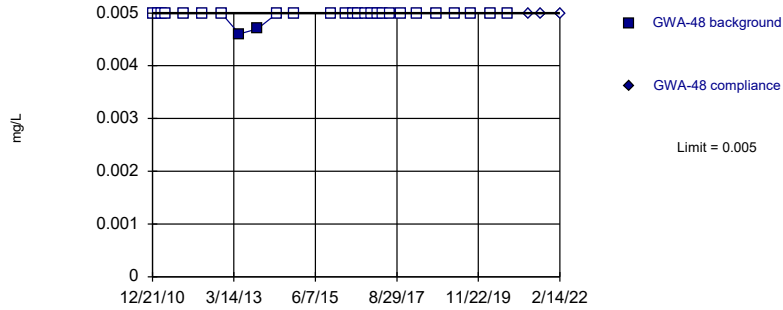


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 27 background values. 96.3% NDs. Well-constituent pair annual alpha = 0.004998. Individual comparison alpha = 0.002502 (1 of 2).

Constituent: Selenium, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

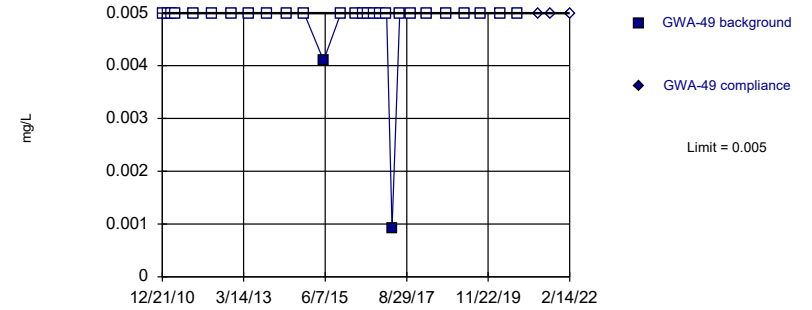


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 27 background values. 92.59% NDs. Well-constituent pair annual alpha = 0.004998. Individual comparison alpha = 0.002502 (1 of 2).

Constituent: Selenium, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

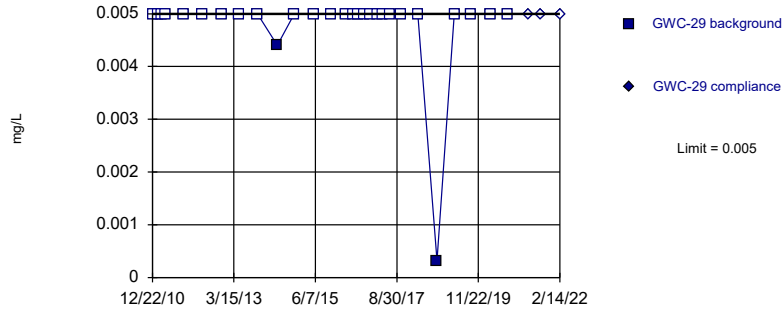


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 92.86% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Selenium, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

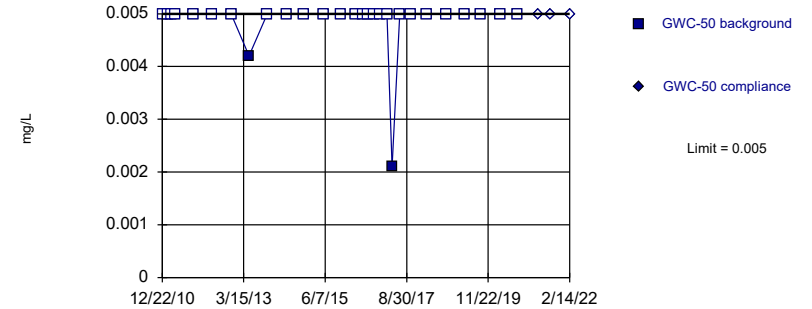


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 92.86% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Selenium, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

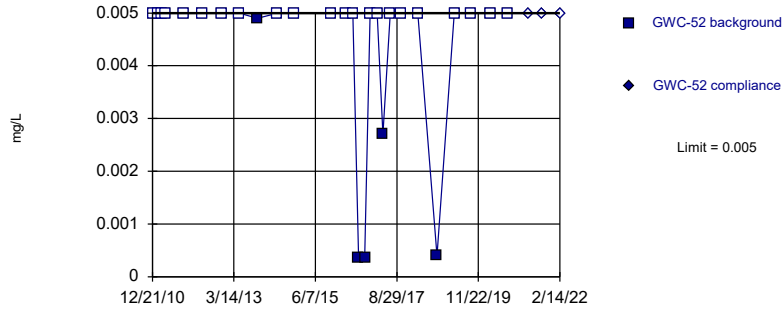


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 92.86% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Selenium, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

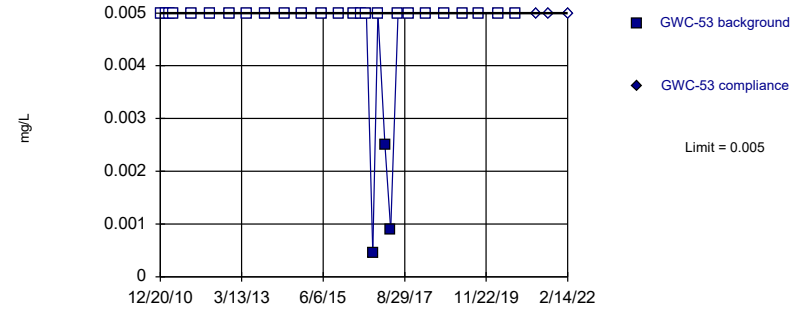


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 27 background values. 81.48% NDs. Well-constituent pair annual alpha = 0.004998. Individual comparison alpha = 0.002502 (1 of 2).

Constituent: Selenium, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

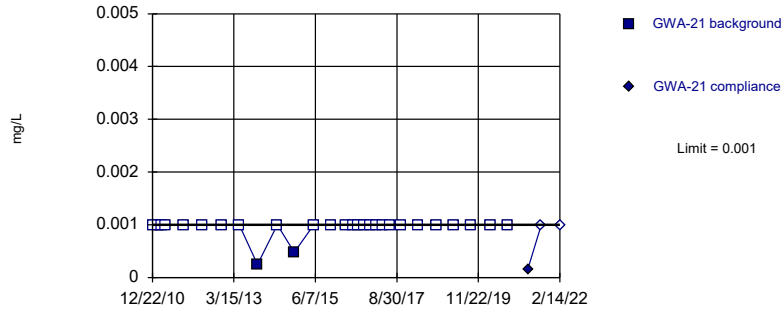


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 89.29% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Selenium, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

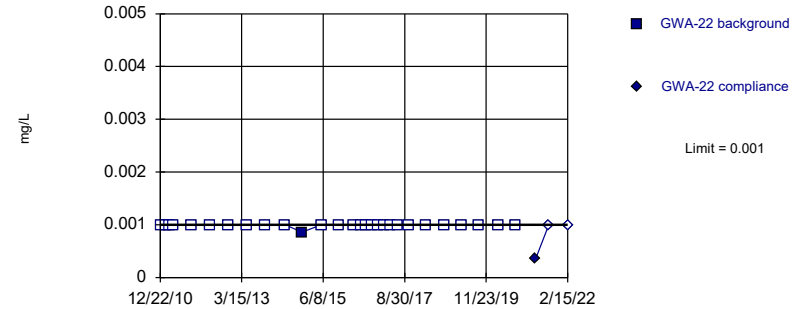


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 27 background values. 92.86% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Thallium, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

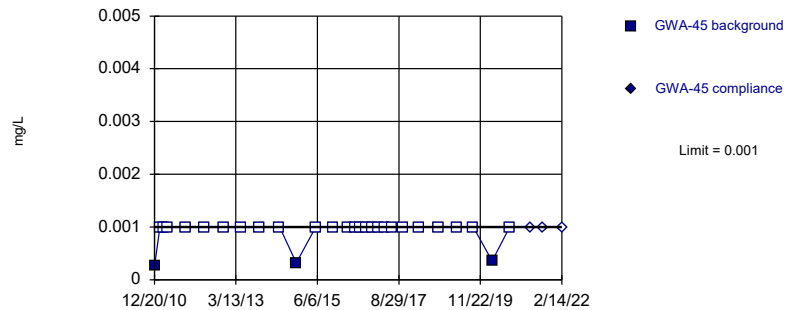


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 96.43% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Thallium, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

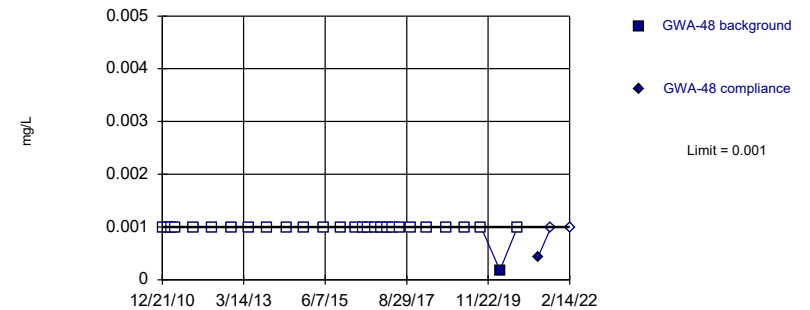


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 89.29% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Thallium, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

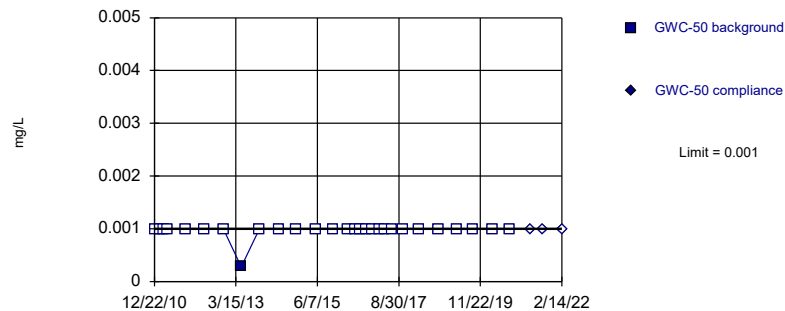


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 96.43% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Thallium, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

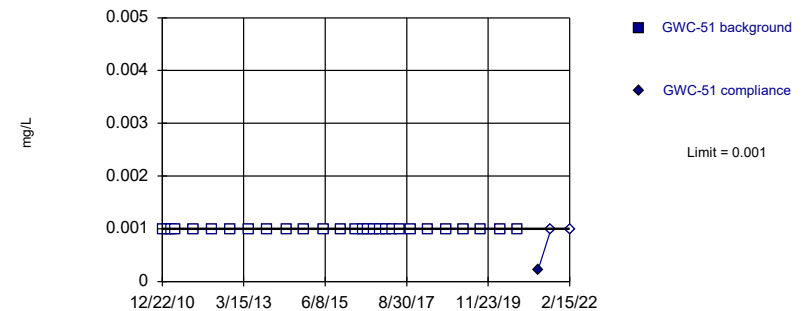


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 96.43% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Thallium, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

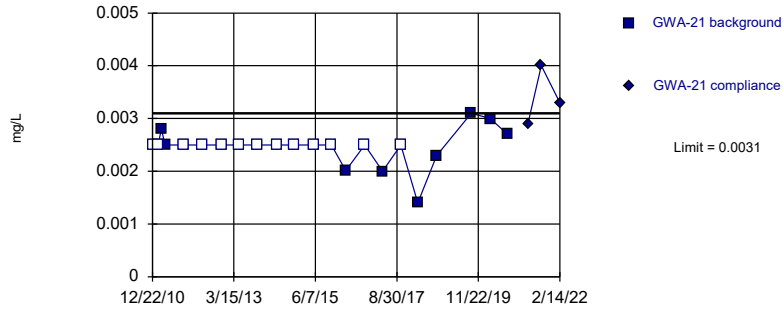


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 28) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Thallium, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Exceeds Limit

Prediction Limit
Intrawell Non-parametric

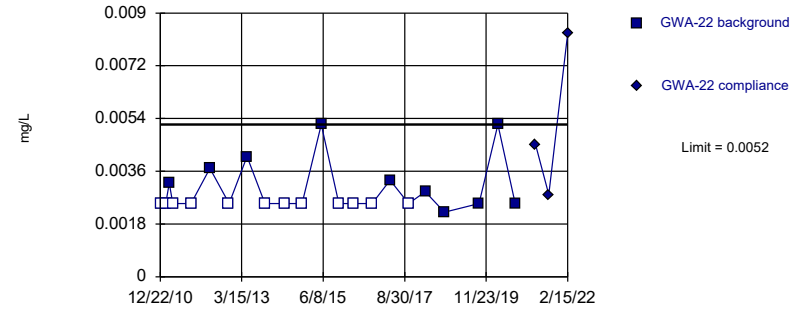


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 59.09% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Vanadium, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Exceeds Limit

Prediction Limit
Intrawell Non-parametric

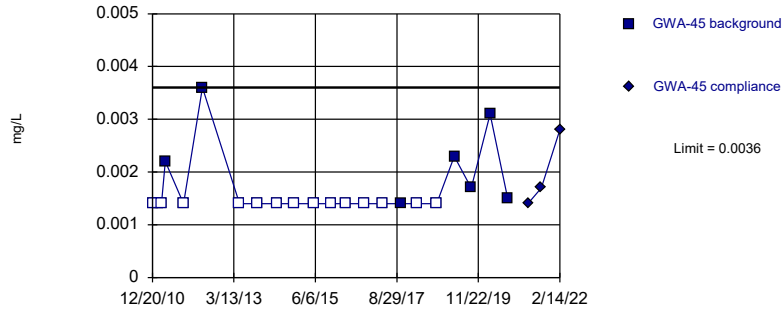


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 54.55% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Vanadium, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

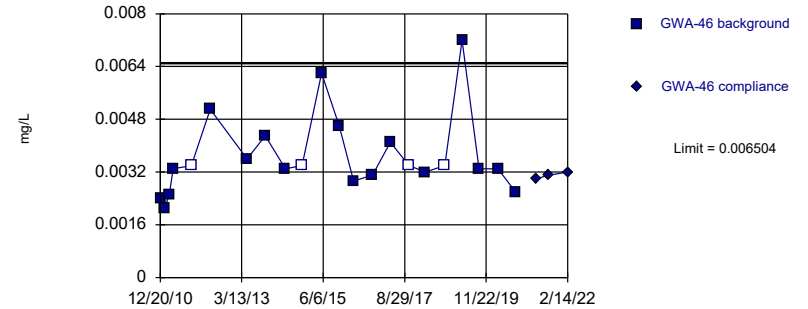


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 68.18% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Vanadium, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

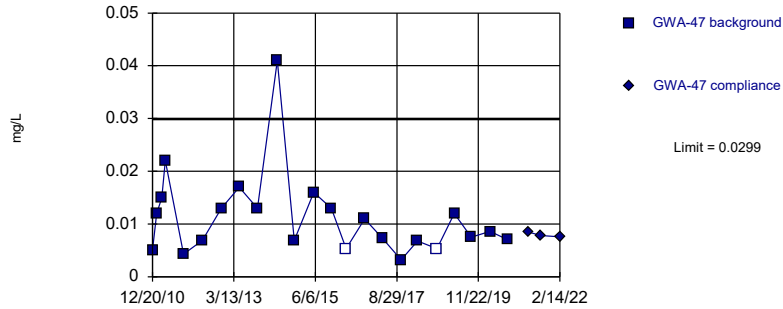


Background Data Summary (based on square root transformation) (after Kaplan-Meier Adjustment): Mean=0.05801, Std. Dev.=0.01008, n=22, 18.18% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8906, critical = 0.878. Kappa = 2.244 (c=14, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

Constituent: Vanadium, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
 Intrawell Parametric

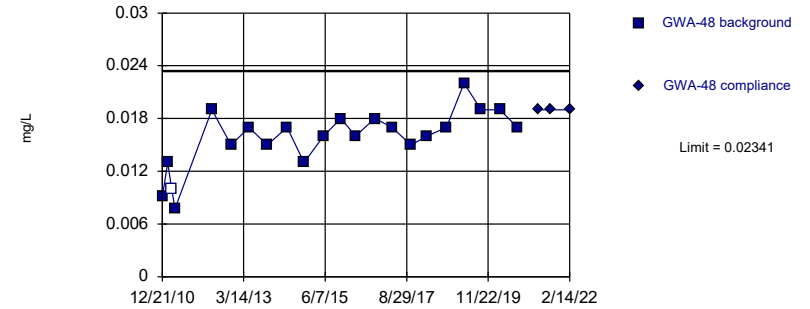


Background Data Summary (based on square root transformation): Mean=0.0104, Std. Dev.=0.03211, n=23, 8.696% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8922, critical = 0.881. Kappa = 2.228 (c=14, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

Constituent: Vanadium, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
 Intrawell Parametric

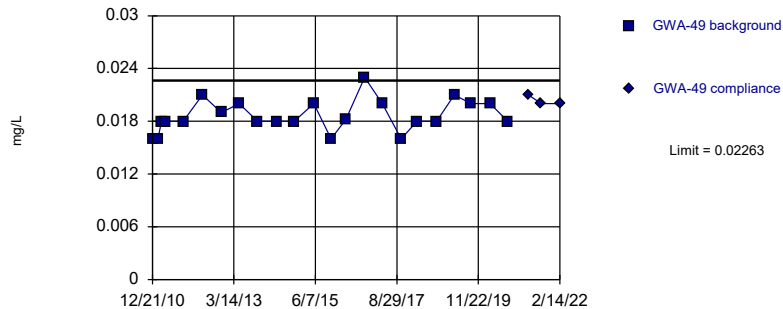


Background Data Summary: Mean=0.01572, Std. Dev.=0.003424, n=22, 4.545% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9221, critical = 0.878. Kappa = 2.244 (c=14, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

Constituent: Vanadium, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
 Intrawell Parametric

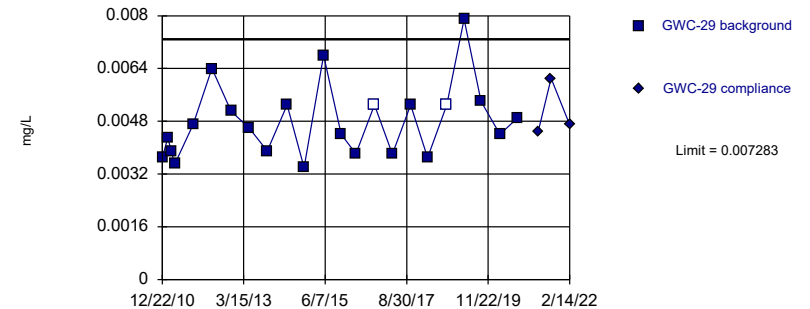


Background Data Summary: Mean=0.01862, Std. Dev.=0.0018, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.907, critical = 0.881. Kappa = 2.228 (c=14, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

Constituent: Vanadium, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
 Intrawell Parametric

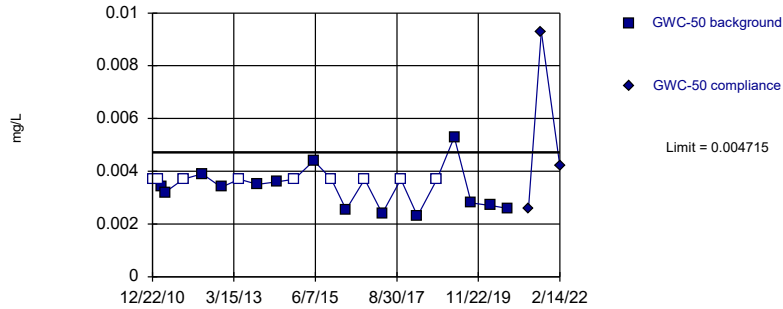


Background Data Summary: Mean=0.004774, Std. Dev.=0.001126, n=23, 8.696% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8977, critical = 0.881. Kappa = 2.228 (c=14, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

Constituent: Vanadium, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

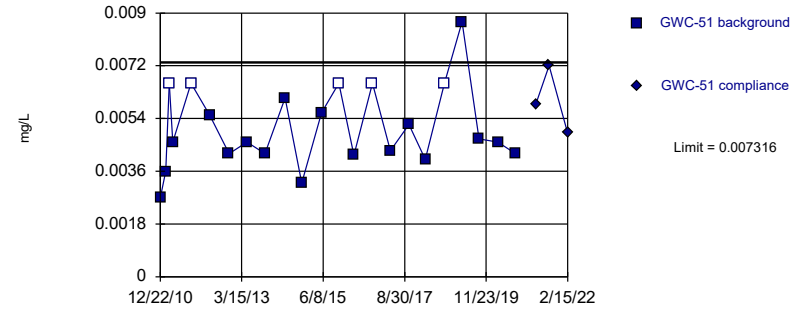


Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.003096, Std. Dev.=0.0007265, n=23, 39.13% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8898, critical = 0.881. Kappa = 2.228 (c=14, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

Constituent: Vanadium, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

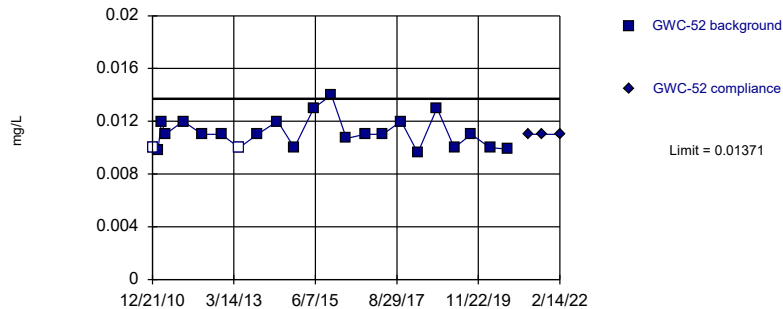


Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.004446, Std. Dev.=0.001288, n=23, 21.74% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.939, critical = 0.881. Kappa = 2.228 (c=14, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

Constituent: Vanadium, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

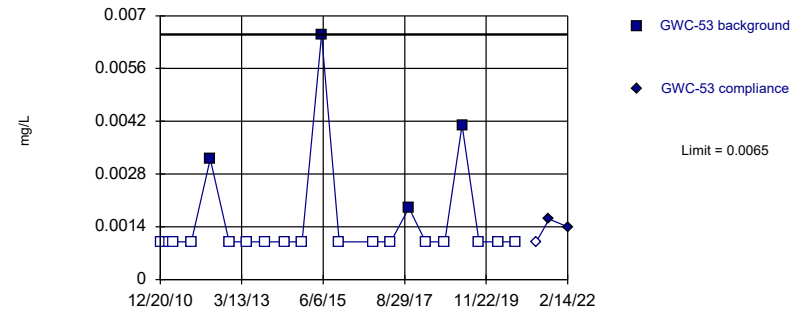


Background Data Summary: Mean=0.01109, Std. Dev.=0.001178, n=23, 8.696% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.896, critical = 0.881. Kappa = 2.228 (c=14, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

Constituent: Vanadium, Total Analysis Run 4/7/2022 10:02 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

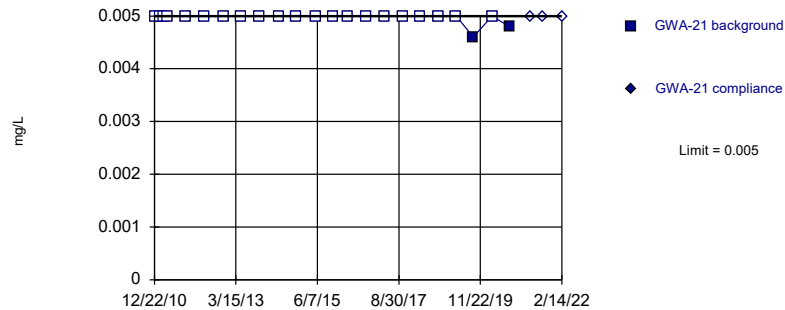


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 81.82% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Vanadium, Total Analysis Run 4/7/2022 10:03 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

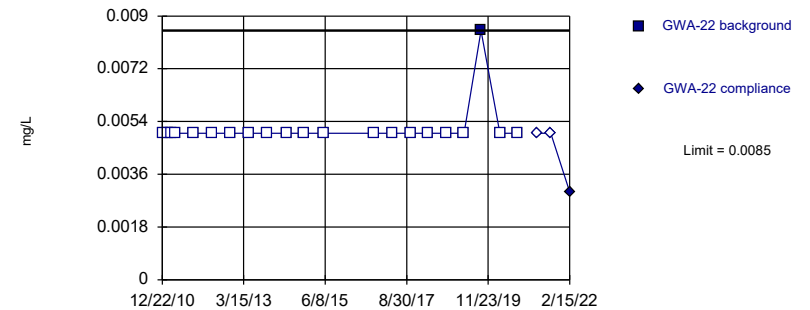


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Zinc, Total Analysis Run 4/7/2022 10:03 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

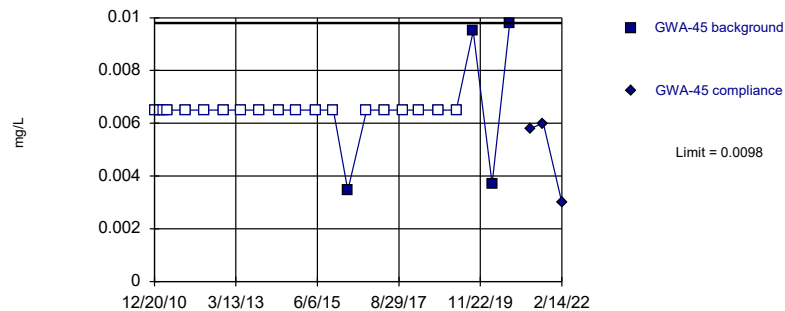


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Zinc, Total Analysis Run 4/7/2022 10:03 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

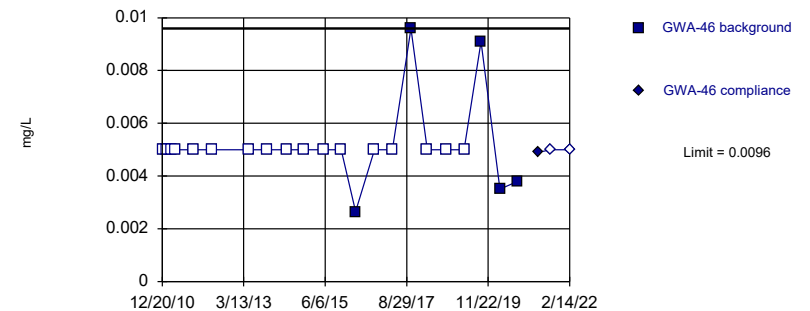


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 82.61% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Zinc, Total Analysis Run 4/7/2022 10:03 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

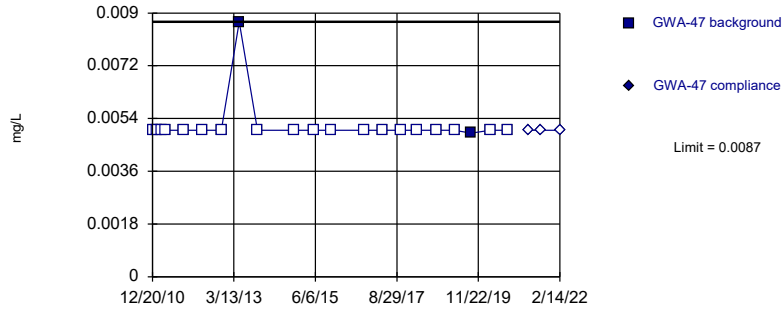


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 77.27% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Zinc, Total Analysis Run 4/7/2022 10:03 AM View: Appendix I - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

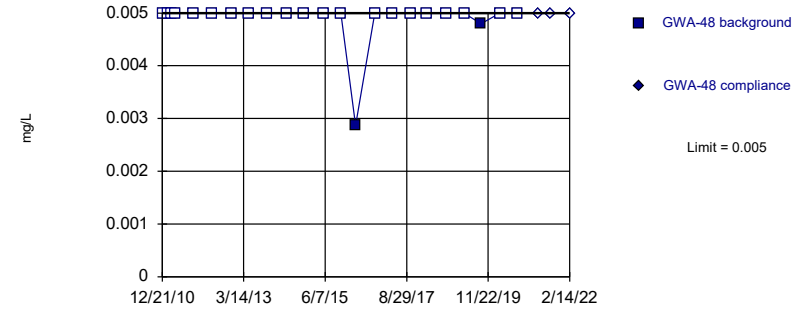


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 90.48% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Zinc, Total Analysis Run 4/7/2022 10:03 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

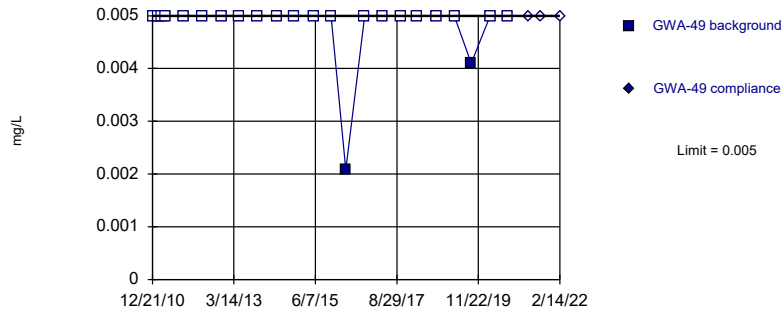


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Zinc, Total Analysis Run 4/7/2022 10:03 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

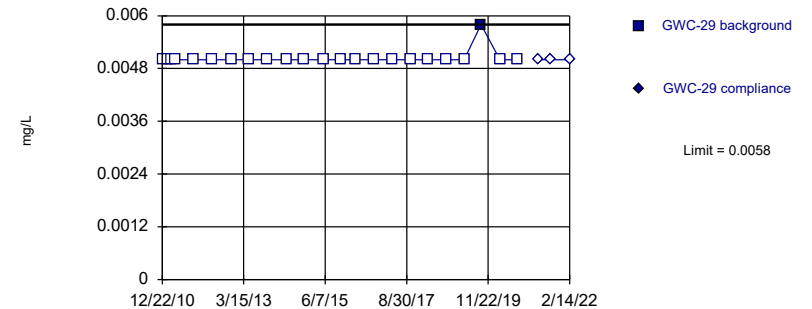


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Zinc, Total Analysis Run 4/7/2022 10:03 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

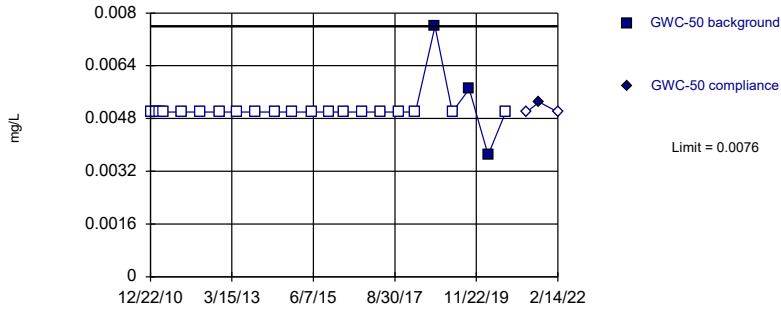


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Zinc, Total Analysis Run 4/7/2022 10:03 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

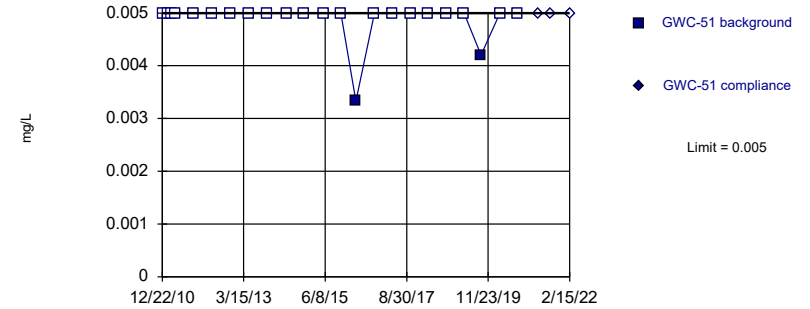


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 86.96% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Zinc, Total Analysis Run 4/7/2022 10:03 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

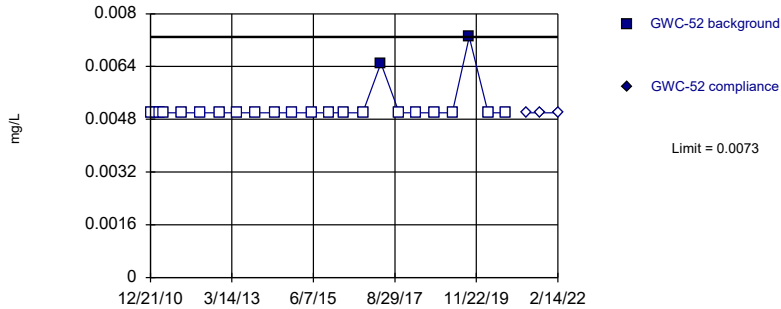


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Zinc, Total Analysis Run 4/7/2022 10:03 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

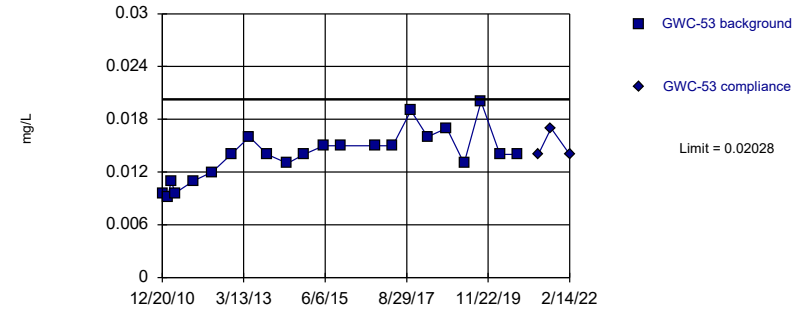


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Zinc, Total Analysis Run 4/7/2022 10:03 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=0.01392, Std. Dev.=0.002833, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.958, critical = 0.878. Kappa = 2.244 (c=14, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

Constituent: Zinc, Total Analysis Run 4/7/2022 10:03 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Prediction Limit

Constituent: Arsenic, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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 (D)	
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

Prediction Limit

Constituent: Arsenic, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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

Prediction Limit

Constituent: Arsenic, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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	
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

Prediction Limit

Constituent: Arsenic, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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

Prediction Limit

Constituent: Arsenic, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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	
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

Prediction Limit

Constituent: Arsenic, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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	
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	
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		<0.001
2/14/2022		<0.001

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - Inrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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 (J)	
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	
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	0.00049 (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

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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 (J)	
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 (D)	
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

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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 (J)	
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	
2/9/2017	0.048	
4/7/2017	0.045	
6/22/2017	0.049	
10/10/2017	0.044	
3/22/2018	0.0495 (D)	
10/3/2018	0.042	
3/27/2019		0.057
9/12/2019	0.1 (L)	
12/2/2019	0.11 (RL)	
3/19/2020	0.11 (L)	
9/11/2020	0.15 (L)	
4/2/2021		0.11 (L)
8/12/2021		0.091
2/14/2022		0.077

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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 (J)	
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	
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

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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 (J)	
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

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-48	GWA-48
12/21/2010	0.055 (O)	
2/14/2011	0.05 (O)	
3/23/2011	0.031 (J)	
4/27/2011	0.015 (J)	
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

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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 (J)	
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	
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

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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 (J)	
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

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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 (J)	
10/26/2011	0.013	
5/2/2012	0.0084 (J)	
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	
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

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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 (J)	
10/26/2011	0.0099 (J)	
5/2/2012	0.0085 (J)	
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

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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 (J)	
10/26/2011	0.0093 (J)	
5/1/2012	0.0048 (J)	
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	
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

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-53	GWC-53
12/20/2010	0.11	
2/14/2011	<0.1	
3/21/2011	<0.1	
4/27/2011	0.091 (J)	
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	
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

Prediction Limit

Constituent: Beryllium, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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 (D)	
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

Prediction Limit

Constituent: Beryllium, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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

Prediction Limit

Constituent: Cadmium, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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	
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

Prediction Limit

Constituent: Cadmium, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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 (J)	
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	<0.01	
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	
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

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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 (J)	
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 (J)	
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	<0.01	
6/14/2016	<0.01	
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	
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

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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 (J)	
10/27/2011	0.0047 (J)	
5/2/2012	0.005 (J)	
11/8/2012	0.0081	
5/7/2013	0.0035 (J)	
11/4/2013	0.0056 (J)	
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	<0.01	
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	
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

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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	<0.01	
6/14/2016	<0.01	
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	
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

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-48	GWA-48
12/21/2010	0.0094	
2/14/2011	0.028	
3/23/2011	0.0042 (J)	
4/27/2011	<0.01	
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 (J)	
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	<0.01	
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	
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

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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 (J)	
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	<0.01	
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	
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

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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	
10/26/2011	<0.002	
5/2/2012	<0.002	
11/8/2012	<0.002	
5/8/2013	<0.002	
11/4/2013	0.0027 (J)	
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	<0.002	
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 (J)	
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

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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 (J)	
10/26/2011	0.0039 (J)	
5/2/2012	0.0044 (J)	
11/8/2012	0.0026 (J)	
5/8/2013	0.0038 (J)	
11/4/2013	0.0063 (J)	
5/24/2014	0.0061 (J)	
11/8/2014	<0.01	
5/22/2015	0.0037 (J)	
11/13/2015	0.0055 (J)	
4/11/2016	0.00479 (J)	
6/15/2016	<0.01	
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	
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

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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 (J)	
10/26/2011	0.0042 (J)	
5/2/2012	0.0037 (J)	
11/8/2012	<0.01	
5/8/2013	0.0032 (J)	
11/4/2013	0.0063 (J)	
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	<0.01	
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	
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

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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 (J)	
11/9/2012	0.0066	
5/8/2013	0.0082	
11/4/2013	0.013	
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
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

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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 (J)	
11/9/2012	<0.002	
5/8/2013	<0.002	
11/4/2013	0.0035 (J)	
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	<0.002	
6/16/2016	<0.002	
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 (J)	
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)

Prediction Limit

Constituent: Cobalt, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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

Prediction Limit

Constituent: Cobalt, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-22	GWA-22
12/22/2010	0.0038 (O)	
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 (D)	
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)

Prediction Limit

Constituent: Cobalt, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-45	GWA-45
12/20/2010	0.012	
2/14/2011	0.0093 (J)	
3/21/2011	0.0076 (J)	
4/26/2011	0.0058 (J)	
10/26/2011	0.005 (J)	
5/1/2012	0.0032 (J)	
11/8/2012	0.0034 (J)	
5/8/2013	<0.01	
11/4/2013	<0.01	
5/24/2014	<0.01	
11/7/2014	<0.01	
5/20/2015	<0.01	
11/13/2015	<0.01	
4/7/2016	<0.01	
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 (JD)	
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)

Prediction Limit

Constituent: Cobalt, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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

Prediction Limit

Constituent: Cobalt, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-47	GWA-47
12/20/2010	0.0033 (O)	
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	0.0048 (O)	
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

Prediction Limit

Constituent: Cobalt, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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

Prediction Limit

Constituent: Cobalt, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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)

Prediction Limit

Constituent: Cobalt, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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

Prediction Limit

Constituent: Cobalt, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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

Prediction Limit

Constituent: Cobalt, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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	<0.0025	
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

Prediction Limit

Constituent: Cobalt, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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	<0.01	
10/26/2011	0.0046 (J)	
5/1/2012	0.0043 (J)	
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	<0.01	
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

Prediction Limit

Constituent: Copper, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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 (O)	
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

Prediction Limit

Constituent: Copper, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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 (D)	
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)

Prediction Limit

Constituent: Copper, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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 (D)	
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

Prediction Limit

Constituent: Copper, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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 (J)	
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

Prediction Limit

Constituent: Copper, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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	
5/1/2012	0.0027 (J)	
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

Prediction Limit

Constituent: Copper, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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)

Prediction Limit

Constituent: Copper, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - Inrawell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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 (O)	
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)

Prediction Limit

Constituent: Copper, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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 (J)	
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

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-22	GWA-22
12/22/2010	<0.001	
2/14/2011	<0.001	
3/22/2011	<0.001	
4/26/2011	0.0025 (J)	
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 (D)	
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)

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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 (J)	
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 (D)	
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

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-46	GWA-46
12/20/2010	<0.001	
2/1/2011	<0.001	
3/21/2011	<0.001	
4/26/2011	0.0024 (J)	
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

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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 (J)	
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

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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 (J)	
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

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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 (J)	
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

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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 (J)	
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)

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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 (J)	
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

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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 (J)	
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

Prediction Limit

Constituent: Lead, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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 (O)	
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

Prediction Limit

Constituent: Mercury, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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	<0.0002	
10/11/2016	<0.0002	
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 (J)	
3/26/2018	<0.0002 (X)	
10/3/2018	<0.0002 (X)	
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

Prediction Limit

Constituent: Mercury, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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	<0.0002	
12/5/2016	<0.0002	
2/10/2017	<0.0002	
4/7/2017	<0.0002	
6/26/2017	<0.0002	
10/9/2017	8.7E-05 (J)	
3/26/2018	<0.0002 (D)	
10/3/2018	<0.0002 (X)	
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

Prediction Limit

Constituent: Mercury, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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	<0.0002	
10/10/2016	<0.0002	
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 (J)	
3/22/2018	<0.0002 (D)	
10/3/2018	<0.0002 (X)	
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

Prediction Limit

Constituent: Mercury, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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	<0.0002	
10/10/2016	<0.0002	
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 (J)	
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

Prediction Limit

Constituent: Mercury, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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	<0.0002	
10/11/2016	<0.0002	
12/5/2016	<0.0002	
2/10/2017	<0.0002	
4/7/2017	<0.0002	
6/22/2017	<0.0002	
10/10/2017	9.2E-05 (J)	
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

Prediction Limit

Constituent: Mercury, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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	<0.0002	
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 (J)	
3/23/2018	<0.0002	
10/3/2018	<0.0002 (X)	
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

Prediction Limit

Constituent: Mercury, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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	<0.0002	
10/11/2016	<0.0002	
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 (J)	
3/22/2018	<0.0002	
10/3/2018	<0.0002 (X)	
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

Prediction Limit

Constituent: Mercury, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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	<0.0002	
10/11/2016	<0.0002	
12/5/2016	<0.0002	
2/13/2017	<0.0002	
4/10/2017	<0.0002	
6/23/2017	<0.0002	
10/10/2017	9.1E-05 (J)	
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

Prediction Limit

Constituent: Mercury, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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	<0.0002	
10/11/2016	<0.0002	
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 (J)	
3/23/2018	<0.0002 (X)	
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

Prediction Limit

Constituent: Mercury, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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	
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	<0.0002	
10/13/2016	<0.0002	
12/5/2016	<0.0002	
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

Prediction Limit

Constituent: Nickel, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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 (O)	
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

Prediction Limit

Constituent: Nickel, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-22	GWA-22
12/22/2010	0.003 (O)	
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 (D)	
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

Prediction Limit

Constituent: Nickel, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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 (D)	
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

Prediction Limit

Constituent: Nickel, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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 (O)	
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

Prediction Limit

Constituent: Nickel, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-47	GWA-47
12/20/2010	<0.001	
2/1/2011	0.0072	
3/23/2011	<0.001	
4/27/2011	<0.001	
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

Prediction Limit

Constituent: Nickel, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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 (J)	
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

Prediction Limit

Constituent: Nickel, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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)

Prediction Limit

Constituent: Nickel, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-29
12/22/2010	<0.0047	
2/15/2011	<0.0047	
3/22/2011	<0.0047	
4/27/2011	<0.0047	
10/26/2011	<0.0047	
5/2/2012	<0.0047	
11/8/2012	<0.0047	
5/8/2013	<0.0047	
11/4/2013	<0.0047	
5/24/2014	<0.0047	
11/7/2014	<0.0047	
5/22/2015	0.0032 (J)	
11/13/2015	<0.0047	
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
8/13/2021		0.0037
2/14/2022		0.0034

Prediction Limit

Constituent: Nickel, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-50	GWC-50
12/22/2010	<0.0018	
2/15/2011	<0.0018	
3/22/2011	<0.0018	
4/27/2011	<0.0018	
10/26/2011	<0.0018	
5/2/2012	<0.0018	
11/8/2012	<0.0018	
5/8/2013	<0.0018	
11/4/2013	<0.0018	
5/24/2014	<0.0018	
11/8/2014	<0.0018	
5/22/2015	<0.0018	
11/13/2015	<0.0018	
4/11/2016	<0.0018	
10/11/2016	<0.0018	
4/7/2017	<0.0018	
10/10/2017	<0.0018	
3/23/2018	<0.0018	
10/4/2018	<0.0018	
3/28/2019	<0.0018	
9/12/2019	0.0012	
3/19/2020	0.0015	
9/10/2020	0.0017	
4/6/2021		0.0019
8/13/2021		0.0036
2/14/2022		0.0026

Prediction Limit

Constituent: Nickel, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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

Prediction Limit

Constituent: Nickel, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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	<0.0073	
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
8/13/2021		0.0073
2/14/2022		0.0071

Prediction Limit

Constituent: Selenium, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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	
5/24/2014	<0.005	
11/8/2014	<0.005	
5/21/2015	0.0041	
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 (D)	
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

Prediction Limit

Constituent: Selenium, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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	
11/4/2013	<0.005	
5/24/2014	0.0042	
11/7/2014	<0.005	
5/20/2015	0.0093 (O)	
11/13/2015	0.0061 (O)	
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	<0.005	
10/10/2017	0.00033 (J)	
3/22/2018	<0.005 (D)	
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

Prediction Limit

Constituent: Selenium, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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 (O)	
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

Prediction Limit

Constituent: Selenium, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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	
11/5/2013	0.0047	
5/23/2014	<0.005	
11/7/2014	<0.005	
5/21/2015	0.0077 (O)	
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	<0.005	
10/10/2017	<0.005	
3/23/2018	<0.005	
10/3/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	<0.005	
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

Prediction Limit

Constituent: Selenium, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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	0.0041	
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	<0.005	
10/10/2017	<0.005	
3/22/2018	<0.005	
10/3/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	<0.005	
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

Prediction Limit

Constituent: Selenium, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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	
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

Prediction Limit

Constituent: Selenium, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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	
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

Prediction Limit

Constituent: Selenium, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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	
5/24/2014	<0.005	
11/7/2014	<0.005	
5/22/2015	0.0067 (O)	
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

Prediction Limit

Constituent: Selenium, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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

Prediction Limit

Constituent: Thallium, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - Intravel

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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	
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

Prediction Limit

Constituent: Thallium, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - Intravel

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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	
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 (D)	
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

Prediction Limit

Constituent: Thallium, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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	
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 (D)	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	0.00036 (J)	
9/11/2020	<0.001	
4/2/2021		<0.001
8/12/2021		<0.001
2/14/2022		<0.001

Prediction Limit

Constituent: Thallium, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - Intravel

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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 (J)	
9/11/2020	<0.001	
4/5/2021		0.00043 (J)
8/12/2021		<0.001
2/14/2022		<0.001

Prediction Limit

Constituent: Thallium, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - Intravel

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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	
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

Prediction Limit

Constituent: Thallium, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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

Prediction Limit

Constituent: Vanadium, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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 (J)	
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	0.00201 (J)	
10/11/2016	<0.0025	
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 (O)	
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

Prediction Limit

Constituent: Vanadium, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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 (J)	
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	<0.0025 (D)	
10/11/2016	<0.0025	
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 (O)	
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

Prediction Limit

Constituent: Vanadium, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-45	GWA-45
12/20/2010	<0.0014	
2/14/2011	<0.0014	
3/21/2011	<0.0014	
4/26/2011	0.0022 (J)	
10/26/2011	<0.0014	
5/1/2012	0.0036 (J)	
11/8/2012	0.0062 (O)	
5/8/2013	<0.0014	
11/4/2013	<0.0014	
5/24/2014	<0.0014	
11/7/2014	<0.0014	
5/20/2015	<0.0014	
11/13/2015	<0.0014	
4/7/2016	<0.0014	
10/10/2016	<0.0014	
4/7/2017	<0.0014	
10/10/2017	0.0014 (J)	
3/22/2018	<0.0014 (D)	
10/3/2018	<0.0014	
3/27/2019	0.0023 (J)	
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

Prediction Limit

Constituent: Vanadium, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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 (J)	
10/27/2011	<0.0034	
5/2/2012	0.0051 (J)	
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	<0.0034	
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	<0.0034	
3/23/2018	0.0032	
10/4/2018	<0.0034 (X)	
3/27/2019	0.0072	
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

Prediction Limit

Constituent: Vanadium, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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 (J)	
11/8/2012	0.013	
5/7/2013	0.017	
11/5/2013	0.013	
5/23/2014	0.041	
11/7/2014	0.0069 (J)	
5/21/2015	0.016	
11/12/2015	0.013	
4/8/2016	<0.0053 (D)	
10/11/2016	0.011	
4/7/2017	0.0073	
10/10/2017	0.0032	
3/22/2018	0.0068	
10/5/2018	<0.0053 (X)	
3/27/2019	0.012	
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

Prediction Limit

Constituent: Vanadium, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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 (J)	
10/25/2011	0.012 (O)	
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	
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

Prediction Limit

Constituent: Vanadium, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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	
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

Prediction Limit

Constituent: Vanadium, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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 (J)	
10/26/2011	0.0047 (J)	
5/2/2012	0.0064 (J)	
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	<0.0053	
4/10/2017	0.0038	
10/10/2017	0.0053	
3/26/2018	0.0037	
10/4/2018	<0.0053 (X)	
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

Prediction Limit

Constituent: Vanadium, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-50	GWC-50
12/22/2010	<0.0037	
2/15/2011	<0.0037	
3/22/2011	0.0034 (J)	
4/27/2011	0.0032 (J)	
10/26/2011	<0.0037	
5/2/2012	0.0039 (J)	
11/8/2012	0.0034 (J)	
5/8/2013	<0.0037	
11/4/2013	0.0035 (J)	
5/24/2014	0.0036 (J)	
11/8/2014	<0.0037	
5/22/2015	0.0044 (J)	
11/13/2015	<0.0037	
4/11/2016	0.00254 (J)	
10/11/2016	<0.0037	
4/7/2017	0.0024 (J)	
10/10/2017	<0.0037	
3/23/2018	0.0023 (J)	
10/4/2018	<0.0037 (X)	
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

Prediction Limit

Constituent: Vanadium, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-51	GWC-51
12/22/2010	0.0027 (J)	
2/15/2011	0.0036 (J)	
3/22/2011	<0.0066	
4/27/2011	0.0046 (J)	
10/26/2011	<0.0066	
5/2/2012	0.0055 (J)	
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	<0.0066	
4/11/2016	0.00415 (J)	
10/13/2016	<0.0066	
4/10/2017	0.0043	
10/11/2017	0.0052	
3/26/2018	0.004	
10/4/2018	<0.0066 (X)	
3/27/2019	0.0087	
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

Prediction Limit

Constituent: Vanadium, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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

Prediction Limit

Constituent: Vanadium, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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	0.0032 (J)	
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	0.0065	
11/13/2015	<0.001	
4/8/2016	0.0136 (O)	
10/13/2016	<0.001	
4/11/2017	<0.001	
10/11/2017	0.0019 (J)	
3/26/2018	<0.001	
10/4/2018	<0.001 (X)	
3/28/2019	0.0041	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/11/2020	<0.001	
4/6/2021		<0.001
8/13/2021		0.0016
2/14/2022		0.0014

Prediction Limit

Constituent: Zinc, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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 (J)	
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

Prediction Limit

Constituent: Zinc, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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)	
10/11/2016	<0.005	
4/7/2017	<0.005	
10/9/2017	<0.005	
3/26/2018	<0.005 (D)	
10/3/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	0.0085	
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)

Prediction Limit

Constituent: Zinc, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-45	GWA-45
12/20/2010	<0.0065	
2/14/2011	<0.0065	
3/21/2011	<0.0065	
4/26/2011	<0.0065	
10/26/2011	<0.0065	
5/1/2012	<0.0065	
11/8/2012	<0.0065	
5/8/2013	<0.0065	
11/4/2013	<0.0065	
5/24/2014	<0.0065	
11/7/2014	<0.0065	
5/20/2015	<0.0065	
11/13/2015	<0.0065	
4/7/2016	0.00345 (J)	
10/10/2016	<0.0065	
4/7/2017	<0.0065	
10/10/2017	<0.0065	
3/22/2018	<0.0065 (D)	
10/3/2018	<0.0065	
3/27/2019	<0.0065	
9/12/2019	0.0095	
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)

Prediction Limit

Constituent: Zinc, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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 (O)	
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	
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

Prediction Limit

Constituent: Zinc, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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	
11/5/2013	<0.005	
5/23/2014	0.014 (O)	
11/7/2014	<0.005	
5/21/2015	<0.005	
11/12/2015	<0.005	
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 (J)	
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

Prediction Limit

Constituent: Zinc, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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	<0.005	
5/23/2014	<0.005	
11/7/2014	<0.005	
5/21/2015	<0.005	
11/12/2015	<0.005	
4/7/2016	0.00287 (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 (J)	
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

Prediction Limit

Constituent: Zinc, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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 (J)	
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

Prediction Limit

Constituent: Zinc, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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	
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

Prediction Limit

Constituent: Zinc, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - Intravel

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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	
3/28/2019	<0.005	
9/12/2019	0.0057	
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

Prediction Limit

Constituent: Zinc, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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 (J)	
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

Prediction Limit

Constituent: Zinc, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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	
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

Prediction Limit

Constituent: Zinc, Total (mg/L) Analysis Run 4/7/2022 10:20 AM View: Appendix I - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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 (J)	
10/26/2011	0.011 (J)	
5/1/2012	0.012 (J)	
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)	
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	
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

FIGURE E.

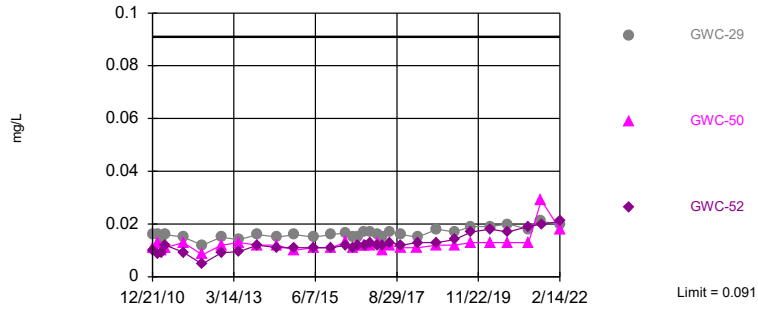
Appendix I Interwell Prediction Limits - Two-Step - All Results (No Significant)

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 4/7/2022, 12:52 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method
Barium, Total (mg/L)	GWC-29	0.091	n/a	2/14/2022	0.02	No	208	n/a	n/a	0	n/a	n/a	0.0000492 NP Inter (normality) 1 of 2
Barium, Total (mg/L)	GWC-50	0.091	n/a	2/14/2022	0.018	No	208	n/a	n/a	0	n/a	n/a	0.0000492 NP Inter (normality) 1 of 2
Barium, Total (mg/L)	GWC-52	0.091	n/a	2/14/2022	0.021	No	208	n/a	n/a	0	n/a	n/a	0.0000492 NP Inter (normality) 1 of 2
Chromium, Total (mg/L)	GWC-52	0.045	n/a	2/14/2022	0.036	No	215	n/a	n/a	19.07	n/a	n/a	0.0000492 NP Inter (normality) 1 of 2
Nickel, Total (mg/L)	GWC-50	0.022	n/a	2/14/2022	0.0026	No	179	n/a	n/a	79.33	n/a	n/a	0.00006143 NP Inter (NDs) 1 of 2

Within Limit

Prediction Limit
Interwell Non-parametric

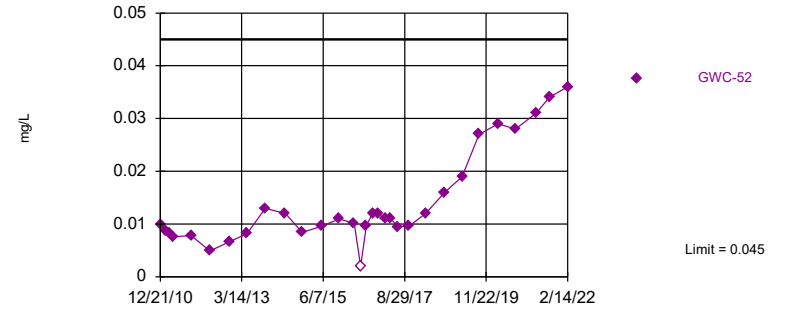


Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 208 background values. Annual per-constituent alpha = 0.0004919. Individual comparison alpha = 0.0000492 (1 of 2). Comparing 3 points to limit. Assumes 2 future values.

Constituent: Barium, Total Analysis Run 4/7/2022 12:51 PM View: Appendix I - Two-Step
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Interwell Non-parametric



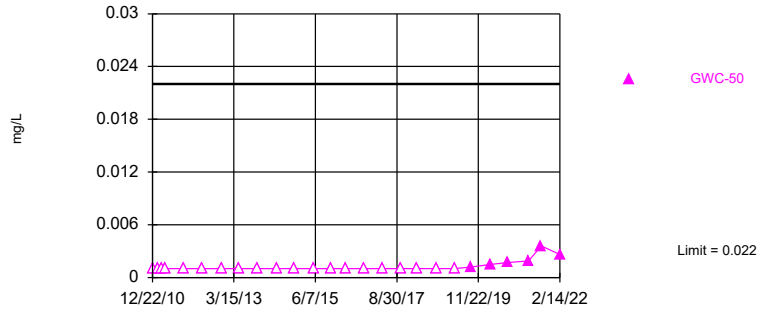
Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 215 background values. 19.07% NDs. Annual per-constituent alpha = 0.0004919. Individual comparison alpha = 0.0000492 (1 of 2). Assumes 4 future values.

Constituent: Chromium, Total Analysis Run 4/7/2022 12:51 PM View: Appendix I - Two-Step
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

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 179 background values. 79.33% NDs. Annual per-constituent alpha = 0.0006142. Individual comparison alpha = 0.00006143 (1 of 2). Assumes 4 future values.

Constituent: Nickel, Total Analysis Run 4/7/2022 12:51 PM View: Appendix I - Two-Step
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 4/7/2022 12:52 PM View: Appendix I - Two-Step

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-49 (bg)	GWC-52	GWA-22 (bg)	GWC-29	GWC-50	GWA-21 (bg)
12/20/2010	0.024 (J)	0.019 (J)	0.029 (J)						
12/21/2010				0.021 (J)	0.01 (J)				
12/22/2010						0.028 (J)	0.016 (J)	0.011 (J)	0.026 (J)
2/1/2011		0.017 (J)	0.038 (J)						
2/14/2011	0.023 (J)			0.021 (J)		0.025 (J)			0.022 (J)
2/15/2011					0.0086 (J)		0.016 (J)	0.013 (J)	
3/21/2011	0.021 (J)	0.019 (J)		0.021 (J)	0.009 (J)				
3/22/2011						0.029 (J)	0.014 (J)	0.01 (J)	0.02 (J)
3/23/2011			0.045 (J)						
4/26/2011	0.019 (J)	0.02 (J)		0.021 (J)		0.031 (J)			0.019 (J)
4/27/2011			0.043 (J)				0.016 (J)	0.011 (J)	
4/28/2011					0.012 (J)				
10/25/2011									
10/26/2011	0.023		0.023	0.019	0.0093 (J)		0.015	0.013	
10/27/2011		0.018				0.027			0.021
5/1/2012	0.014		0.021		0.0048 (J)	0.022			0.017
5/2/2012		0.017		0.018			0.012	0.0084 (J)	
11/8/2012	0.034	0.048 (O)	0.038	0.018		0.024	0.015	0.012	0.023
11/9/2012					0.0091 (J)				
5/7/2013		0.02	0.042			0.027			0.021
5/8/2013	0.016			0.017	0.0096 (J)		0.014	0.013	
11/4/2013	0.014	0.019			0.012	0.024	0.016	0.012	0.018
11/5/2013			0.039	0.019					
5/23/2014			0.088 (O)	0.021					
5/24/2014	0.027	0.019			0.011	0.025	0.015	0.012	0.022
11/7/2014	0.03	0.019	0.027	0.019	0.011		0.016		
11/8/2014						0.023		0.01	0.02
5/20/2015	0.029	0.018							
5/21/2015			0.036	0.02		0.023			0.022
5/22/2015					0.011		0.015	0.011	
11/12/2015			0.038	0.019					
11/13/2015	0.041	0.02			0.011	0.023	0.016	0.011	0.025
4/6/2016									0.0239
4/7/2016	0.0381	0.0207		0.0201					
4/8/2016			0.0261			0.0244			
4/11/2016					0.012		0.0167	0.0132	
6/14/2016	0.034	0.019	0.023	0.017		0.023			0.021
6/15/2016							0.015	0.011	
6/16/2016					0.011				
6/17/2016									
8/9/2016	0.032	0.017	0.026	0.017		0.026			
8/10/2016							0.015	0.012	0.019
8/11/2016					0.012				
10/10/2016	0.037	0.02							
10/11/2016			0.03	0.02		0.022	0.017	0.012	0.02
10/13/2016					0.012				
10/14/2016									
12/2/2016	0.038	0.02		0.02				0.012	0.022
12/5/2016			0.026		0.013	0.025	0.017		
12/19/2016									
2/9/2017	0.048			0.018					
2/10/2017		0.018	0.023			0.026			0.03

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 4/7/2022 12:52 PM View: Appendix I - Two-Step
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-49 (bg)	GWC-52	GWA-22 (bg)	GWC-29	GWC-50	GWA-21 (bg)
2/13/2017					0.012		0.016	0.013	
4/7/2017	0.045	0.02	0.024	0.018		0.021		0.01	
4/10/2017							0.015		0.025
4/11/2017					0.012				
6/22/2017	0.049		0.025	0.02				0.012	
6/23/2017		0.021					0.017		0.026
6/24/2017					0.013				
6/26/2017						0.028			
10/9/2017						0.021			0.025
10/10/2017	0.044	0.018	0.022	0.02			0.016	0.011	
10/11/2017					0.012				
3/22/2018	0.0495 (D)		0.024	0.018					
3/23/2018		0.02						0.011	
3/26/2018					0.013	0.022 (D)	0.015		0.026
10/3/2018	0.042			0.018		0.022			0.00049 (O)
10/4/2018		0.019			0.013		0.018	0.012	
10/5/2018			0.026						
3/27/2019	0.057	0.021	0.026	0.019		0.022			0.024
3/28/2019					0.014		0.017	0.012	
9/12/2019	0.1 (L)	0.022	0.028	0.022	0.017	0.023	0.019	0.013	0.025
12/2/2019	0.11 (RL)								
3/19/2020	0.11 (L)	0.023		0.02	0.018	0.024	0.019	0.013	0.027
3/20/2020			0.029						
9/10/2020				0.02		0.022	0.02	0.013	0.023
9/11/2020	0.15 (L)	0.022	0.026		0.017				
4/2/2021	0.11 (L)					0.023			0.02
4/5/2021		0.022	0.028		0.019				
4/6/2021				0.02			0.018	0.013	
8/12/2021	0.091	0.023		0.024		0.024			0.023
8/13/2021			0.026				0.021	0.029	
8/17/2021					0.02				
2/14/2022	0.077	0.024	0.029	0.022	0.021		0.02	0.018	0.024
2/15/2022						0.032			

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 4/7/2022 12:52 PM View: Appendix I - Two-Step
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-48 (bg)
12/20/2010	
12/21/2010	0.055 (O)
12/22/2010	
2/1/2011	
2/14/2011	0.05 (O)
2/15/2011	
3/21/2011	
3/22/2011	
3/23/2011	0.031 (J)
4/26/2011	
4/27/2011	0.015 (J)
4/28/2011	
10/25/2011	0.02
10/26/2011	
10/27/2011	
5/1/2012	0.017
5/2/2012	
11/8/2012	0.012
11/9/2012	
5/7/2013	0.022
5/8/2013	
11/4/2013	
11/5/2013	0.012
5/23/2014	0.02
5/24/2014	
11/7/2014	0.012
11/8/2014	
5/20/2015	
5/21/2015	0.011
5/22/2015	
11/12/2015	0.012
11/13/2015	
4/6/2016	
4/7/2016	0.0116
4/8/2016	
4/11/2016	
6/14/2016	
6/15/2016	
6/16/2016	
6/17/2016	0.012
8/9/2016	
8/10/2016	0.012
8/11/2016	
10/10/2016	
10/11/2016	
10/13/2016	
10/14/2016	0.016
12/2/2016	
12/5/2016	
12/19/2016	0.012
2/9/2017	
2/10/2017	

Prediction Limit

Constituent: Barium, Total (mg/L) Analysis Run 4/7/2022 12:52 PM View: Appendix I - Two-Step
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-48 (bg)
2/13/2017	0.017
4/7/2017	0.011
4/10/2017	
4/11/2017	
6/22/2017	0.014
6/23/2017	
6/24/2017	
6/26/2017	
10/9/2017	
10/10/2017	0.012
10/11/2017	
3/22/2018	
3/23/2018	0.012
3/26/2018	
10/3/2018	0.012
10/4/2018	
10/5/2018	
3/27/2019	0.013
3/28/2019	
9/12/2019	0.016
12/2/2019	
3/19/2020	0.02
3/20/2020	
9/10/2020	
9/11/2020	0.013
4/2/2021	
4/5/2021	0.015
4/6/2021	
8/12/2021	0.013
8/13/2021	
8/17/2021	
2/14/2022	0.014
2/15/2022	

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 4/7/2022 12:52 PM View: Appendix I - Two-Step

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-47 (bg)	GWA-46 (bg)	GWA-45 (bg)	GWC-52	GWA-49 (bg)	GWA-48 (bg)	GWA-22 (bg)	GWA-21 (bg)
12/20/2010	0.0064	0.0036 (J)	<0.002					
12/21/2010				0.01	0.0073	0.0094		
12/22/2010							0.0029 (J)	0.0052
2/1/2011	0.015	0.0037 (J)						
2/14/2011			<0.002		0.0051	0.028	0.0027 (J)	0.0057
2/15/2011				0.0087				
3/21/2011		0.004 (J)	<0.002	0.0083	0.0067			
3/22/2011							0.0049 (J)	0.0055
3/23/2011	0.0084					0.0042 (J)		
4/26/2011		0.0037 (J)	<0.002		0.0065		0.0048 (J)	0.0069
4/27/2011	0.011					<0.002		
4/28/2011				0.0076				
10/25/2011						0.0062		
10/26/2011	0.0061		<0.002	0.0078	0.0068			
10/27/2011		0.0047 (J)					0.0023 (J)	0.011
5/1/2012	0.0072		<0.002	0.0049 (J)		0.011	0.0051	0.0056
5/2/2012		0.005 (J)			0.011			
11/8/2012	0.015	0.0081	<0.002		0.0052	0.0089	0.0034 (J)	<0.002
11/9/2012				0.0066				
5/7/2013	0.044	0.0035 (J)				0.019	0.0078	0.0036 (J)
5/8/2013			<0.002	0.0082	0.0059			
11/4/2013		0.0056 (J)	<0.002	0.013			0.0055 (J)	0.0032 (J)
11/5/2013	0.023				0.0044 (J)	0.0057 (J)		
5/23/2014	0.022				0.0087 (J)	0.0084 (J)		
5/24/2014		0.005 (J)	<0.002	0.012			0.0075 (J)	0.0043 (J)
11/7/2014	0.013	0.004 (J)	<0.002	0.0084 (J)	0.0048 (J)	0.011		
11/8/2014							0.0048 (J)	<0.002
5/20/2015		0.0062 (J)	0.0025 (O)					
5/21/2015	0.029				0.006 (J)	0.013	0.0082 (J)	0.002 (J)
5/22/2015				0.0096 (J)				
11/12/2015	0.045				0.007 (J)	0.015		
11/13/2015		0.0067 (J)	0.0042 (O)	0.011			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	<0.002						<0.002	
4/11/2016				0.0101				
6/14/2016	<0.002	<0.002	<0.002		<0.002		<0.002	<0.002
6/16/2016				<0.002				
6/17/2016						<0.002		
8/9/2016	0.008	0.0041	<0.002		0.0053		0.0079	
8/10/2016						0.0047		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				
10/14/2016						0.0056		
12/2/2016		0.0039	<0.002		0.0071			0.0023 (J)
12/5/2016	0.0057			0.012			0.0077	
12/19/2016						0.0039		
2/9/2017			<0.002		0.0051			
2/10/2017	0.0062	0.0044					0.0098	0.0021 (J)
2/13/2017				0.011		0.0059		

Prediction Limit

Constituent: Chromium, Total (mg/L) Analysis Run 4/7/2022 12:52 PM View: Appendix I - Two-Step

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-47 (bg)	GWA-46 (bg)	GWA-45 (bg)	GWC-52	GWA-49 (bg)	GWA-48 (bg)	GWA-22 (bg)	GWA-21 (bg)
4/7/2017	0.0072	0.0046	<0.002		0.006	0.0051	0.0081	
4/10/2017								0.002 (J)
4/11/2017				0.011				
6/22/2017	0.0074		<0.002		0.0056	0.005		
6/23/2017		0.005						0.0018 (J)
6/24/2017				0.0095				
6/26/2017							0.0084	
10/9/2017							0.0082	0.0016 (J)
10/10/2017	0.0072	0.0088	<0.002		0.0073	0.005		
10/11/2017				0.0096				
3/22/2018	0.0074		<0.002 (D)		0.0051			
3/23/2018		0.0045				0.005		
3/26/2018				0.012			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				
10/5/2018	0.0083							
3/27/2019	0.0081	0.0048	<0.002		0.0056	0.0051	0.0078	0.003
3/28/2019				0.019				
9/12/2019	0.0088	0.0051	<0.002	0.027	0.0075	0.0085	0.0092	0.0047
3/19/2020		0.0043	<0.002	0.029	0.0055	0.0063	0.011	0.0026
3/20/2020	0.0085							
9/10/2020					0.0063		0.0077	0.0019 (J)
9/11/2020	0.0081	0.0042	<0.002	0.028		0.0053		
4/2/2021			<0.002				0.01	0.0029
4/5/2021	0.0084	0.0041		0.031		0.0061		
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							
8/17/2021				0.034				
2/14/2022	0.0086	0.0047	<0.002	0.036	0.0076	0.0058		0.0026
2/15/2022							0.013	

Prediction Limit

Constituent: Nickel, Total (mg/L) Analysis Run 4/7/2022 12:52 PM View: Appendix I - Two-Step

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-47 (bg)	GWA-46 (bg)	GWA-45 (bg)	GWA-49 (bg)	GWA-48 (bg)	GWA-21 (bg)	GWC-50	GWA-22 (bg)
12/20/2010	<0.001	<0.001	<0.001					
12/21/2010				<0.001	0.0052			
12/22/2010						<0.001	<0.001	0.003 (O)
2/1/2011	0.0072	<0.001						
2/14/2011			<0.001	<0.001	0.016	<0.001		<0.001
2/15/2011							<0.001	
3/21/2011		<0.001	<0.001	<0.001				
3/22/2011						<0.001	<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		<0.001	
10/25/2011					<0.001			
10/26/2011	<0.001		<0.001	<0.001			<0.001	
10/27/2011		<0.001				<0.001		<0.001
5/1/2012	<0.001		<0.001		0.0035 (J)	<0.001		<0.001
5/2/2012		<0.001		<0.001			<0.001	
11/8/2012	0.0066	0.0035 (O)	<0.001	<0.001	0.0046 (J)	<0.001	<0.001	<0.001
5/7/2013	0.022	<0.001			0.0087	<0.001		<0.001
5/8/2013			<0.001	<0.001			<0.001	
11/4/2013		<0.001	<0.001			<0.001	<0.001	<0.001
11/5/2013	0.0093			<0.001	0.0036 (J)			
5/23/2014	0.0045 (J)			<0.001	<0.001			
5/24/2014		<0.001	<0.001			<0.001	<0.001	<0.001
11/7/2014	0.0049 (J)	<0.001	<0.001	<0.001	0.0064			
11/8/2014						<0.001	<0.001	<0.001
5/20/2015		<0.001	<0.001					
5/21/2015	0.012			<0.001	0.0045 (J)	<0.001		<0.001
5/22/2015							<0.001	
11/12/2015	0.019			<0.001	0.0036 (J)			
11/13/2015		<0.001	<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
4/11/2016							<0.001	
10/10/2016		<0.001	<0.001					
10/11/2016	<0.001			<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	<0.001
4/10/2017						<0.001		
10/9/2017						0.0024 (O)		<0.001
10/10/2017	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	
3/22/2018	<0.001		<0.001 (D)	<0.001				
3/23/2018		<0.001			<0.001		<0.001	
3/26/2018						<0.001		<0.001 (D)
10/3/2018			<0.001	<0.001	<0.001	<0.001		<0.001
10/4/2018		<0.001					<0.001	
10/5/2018	<0.001							
3/27/2019	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001
3/28/2019							<0.001	
9/12/2019	<0.001	0.0004 (J)	0.00061 (J)	0.00043 (J)	<0.001	0.00097 (J)	0.0012	<0.001
3/19/2020		<0.001	0.00074 (J)	<0.001	0.0004 (J)	0.00037 (J)	0.0015	<0.001
3/20/2020	<0.001							

FIGURE F.

Appendix I Trend Tests - Significant Results

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 4/7/2022, 12:54 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Barium, Total (mg/L)	GWA-45 (bg)	0.004748	248	124	Yes	27	0	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWA-46 (bg)	0.0004195	221	146	Yes	30	0	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWC-29	0.0004695	249	152	Yes	31	0	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWC-52	0.0008166	360	152	Yes	31	0	n/a	n/a	0.01	NP
Chromium, Total (mg/L)	GWA-21 (bg)	-0.0004307	-213	-152	Yes	31	12.9	n/a	n/a	0.01	NP
Chromium, Total (mg/L)	GWA-22 (bg)	0.0005685	267	152	Yes	31	6.452	n/a	n/a	0.01	NP
Chromium, Total (mg/L)	GWC-52	0.001461	294	152	Yes	31	3.226	n/a	n/a	0.01	NP
Nickel, Total (mg/L)	GWA-48 (bg)	-0.0001651	-135	-118	Yes	26	57.69	n/a	n/a	0.01	NP
Vanadium, Total (mg/L)	GWA-48 (bg)	0.0005844	159	111	Yes	25	4	n/a	n/a	0.01	NP

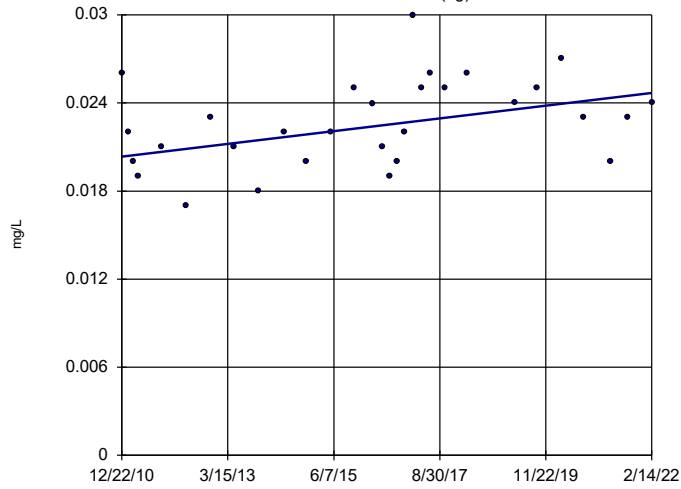
Appendix I Trend Tests - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 4/7/2022, 12:54 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Barium, Total (mg/L)	GWA-21 (bg)	0.0003891	126	146	No	30	0	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWA-22 (bg)	-0.0003132	-120	-152	No	31	0	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWA-45 (bg)	0.004748	248	124	Yes	27	0	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWA-46 (bg)	0.0004195	221	146	Yes	30	0	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWA-47 (bg)	-0.0007935	-99	-146	No	30	0	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWA-48 (bg)	0	-22	-139	No	29	0	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWA-49 (bg)	0	28	152	No	31	0	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWC-29	0.0004695	249	152	Yes	31	0	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWC-50	0.0001889	145	152	No	31	0	n/a	n/a	0.01	NP
Barium, Total (mg/L)	GWC-52	0.0008166	360	152	Yes	31	0	n/a	n/a	0.01	NP
Chromium, Total (mg/L)	GWA-21 (bg)	-0.0004307	-213	-152	Yes	31	12.9	n/a	n/a	0.01	NP
Chromium, Total (mg/L)	GWA-22 (bg)	0.0005685	267	152	Yes	31	6.452	n/a	n/a	0.01	NP
Chromium, Total (mg/L)	GWA-45 (bg)	0	0	139	No	29	100	n/a	n/a	0.01	NP
Chromium, Total (mg/L)	GWA-46 (bg)	0.00004855	61	152	No	31	3.226	n/a	n/a	0.01	NP
Chromium, Total (mg/L)	GWA-47 (bg)	-0.000239	-53	-152	No	31	6.452	n/a	n/a	0.01	NP
Chromium, Total (mg/L)	GWA-48 (bg)	-0.0003392	-110	-152	No	31	6.452	n/a	n/a	0.01	NP
Chromium, Total (mg/L)	GWA-49 (bg)	0	9	152	No	31	3.226	n/a	n/a	0.01	NP
Chromium, Total (mg/L)	GWC-52	0.001461	294	152	Yes	31	3.226	n/a	n/a	0.01	NP
Nickel, Total (mg/L)	GWA-21 (bg)	0	-52	-111	No	25	80	n/a	n/a	0.01	NP
Nickel, Total (mg/L)	GWA-22 (bg)	0	-21	-111	No	25	88	n/a	n/a	0.01	NP
Nickel, Total (mg/L)	GWA-45 (bg)	0	-70	-118	No	26	80.77	n/a	n/a	0.01	NP
Nickel, Total (mg/L)	GWA-46 (bg)	0	-14	-111	No	25	96	n/a	n/a	0.01	NP
Nickel, Total (mg/L)	GWA-47 (bg)	0	-68	-118	No	26	69.23	n/a	n/a	0.01	NP
Nickel, Total (mg/L)	GWA-48 (bg)	-0.0001651	-135	-118	Yes	26	57.69	n/a	n/a	0.01	NP
Nickel, Total (mg/L)	GWA-49 (bg)	0	-34	-118	No	26	84.62	n/a	n/a	0.01	NP
Nickel, Total (mg/L)	GWC-50	0	13	118	No	26	76.92	n/a	n/a	0.01	NP
Vanadium, Total (mg/L)	GWA-21 (bg)	0	51	111	No	25	52	n/a	n/a	0.01	NP
Vanadium, Total (mg/L)	GWA-22 (bg)	6.1e-12	50	111	No	25	48	n/a	n/a	0.01	NP
Vanadium, Total (mg/L)	GWA-45 (bg)	0	69	111	No	25	60	n/a	n/a	0.01	NP
Vanadium, Total (mg/L)	GWA-46 (bg)	0	-4	-111	No	25	16	n/a	n/a	0.01	NP
Vanadium, Total (mg/L)	GWA-47 (bg)	-0.0005	-49	-118	No	26	7.692	n/a	n/a	0.01	NP
Vanadium, Total (mg/L)	GWA-48 (bg)	0.0005844	159	111	Yes	25	4	n/a	n/a	0.01	NP
Vanadium, Total (mg/L)	GWA-49 (bg)	0.0001923	97	118	No	26	0	n/a	n/a	0.01	NP

Sen's Slope Estimator

GWA-21 (bg)

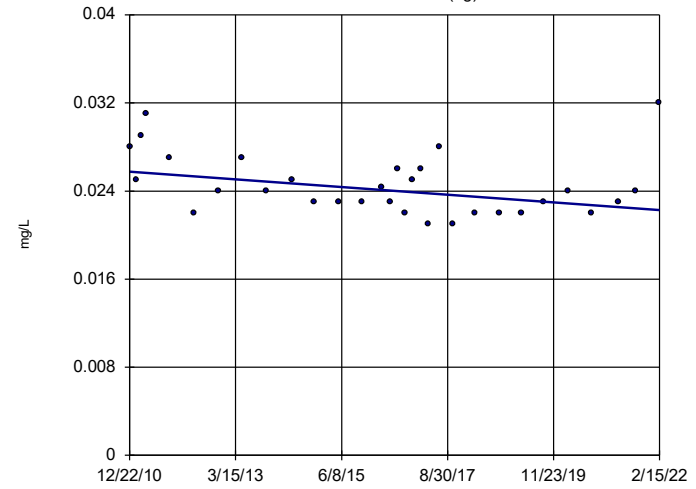


n = 30
 Slope = 0.0003891
 units per year.
 Mann-Kendall
 statistic = 126
 critical = 146
 Trend not sig-
 nificant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Barium, Total Analysis Run 4/7/2022 12:53 PM View: Appendix I - Trend Tests
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

GWA-22 (bg)

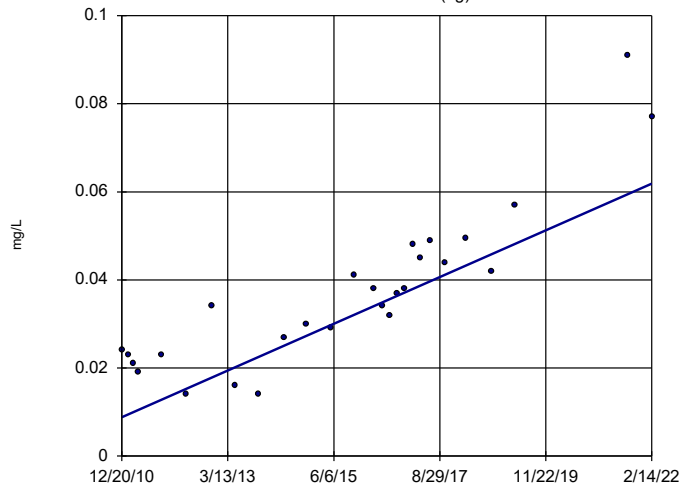


n = 31
 Slope = -0.0003132
 units per year.
 Mann-Kendall
 statistic = -120
 critical = -152
 Trend not sig-
 nificant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Barium, Total Analysis Run 4/7/2022 12:53 PM View: Appendix I - Trend Tests
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

GWA-45 (bg)

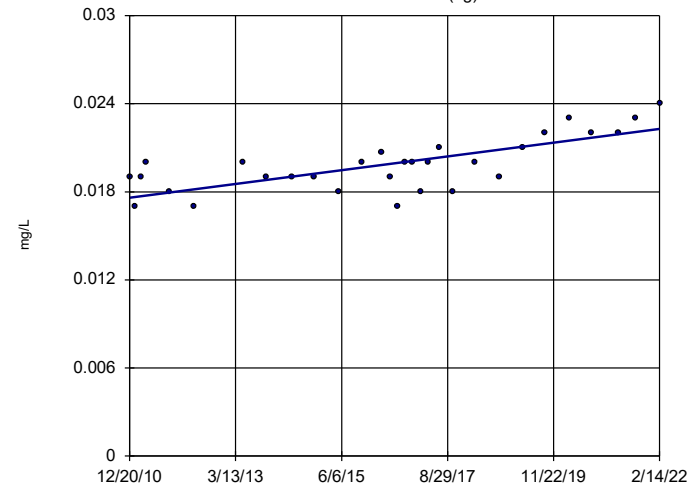


n = 27
 Slope = 0.004748
 units per year.
 Mann-Kendall
 statistic = 248
 critical = 124
 Increasing trend
 significant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Barium, Total Analysis Run 4/7/2022 12:53 PM View: Appendix I - Trend Tests
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

GWA-46 (bg)

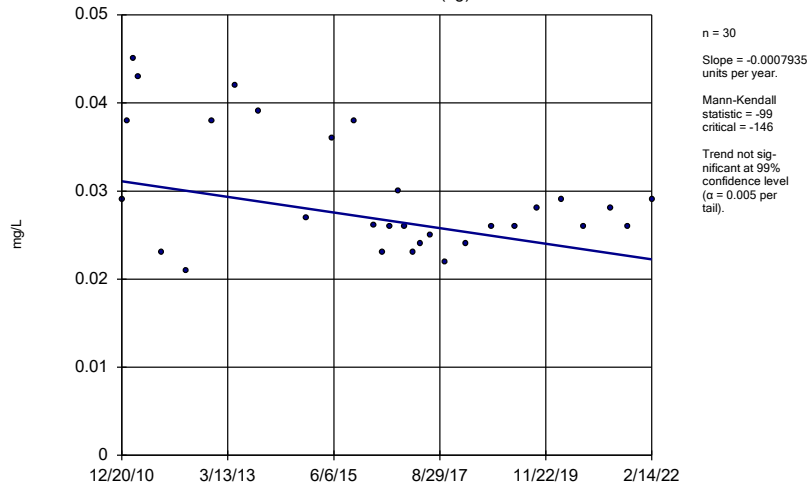


n = 30
 Slope = 0.0004195
 units per year.
 Mann-Kendall
 statistic = 221
 critical = 146
 Increasing trend
 significant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Barium, Total Analysis Run 4/7/2022 12:53 PM View: Appendix I - Trend Tests
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

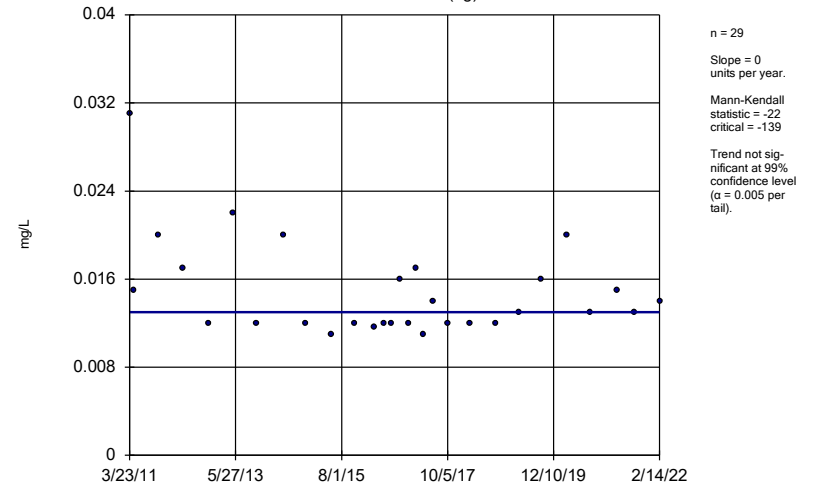
GWA-47 (bg)



Constituent: Barium, Total Analysis Run 4/7/2022 12:53 PM View: Appendix I - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

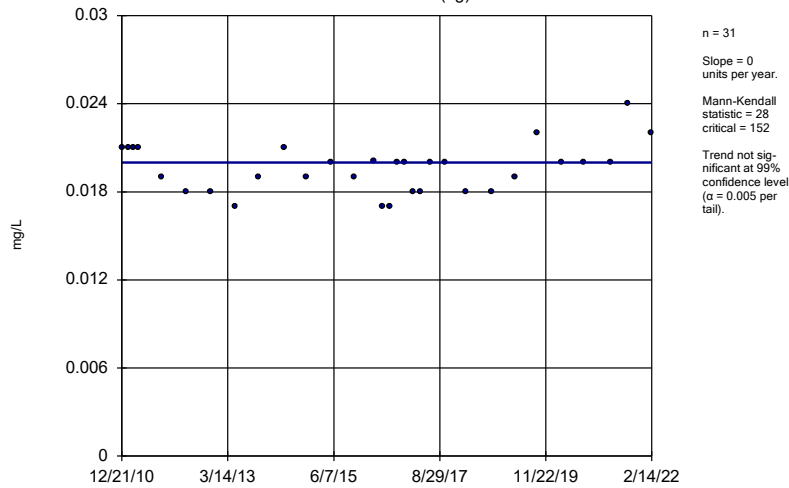
GWA-48 (bg)



Constituent: Barium, Total Analysis Run 4/7/2022 12:53 PM View: Appendix I - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

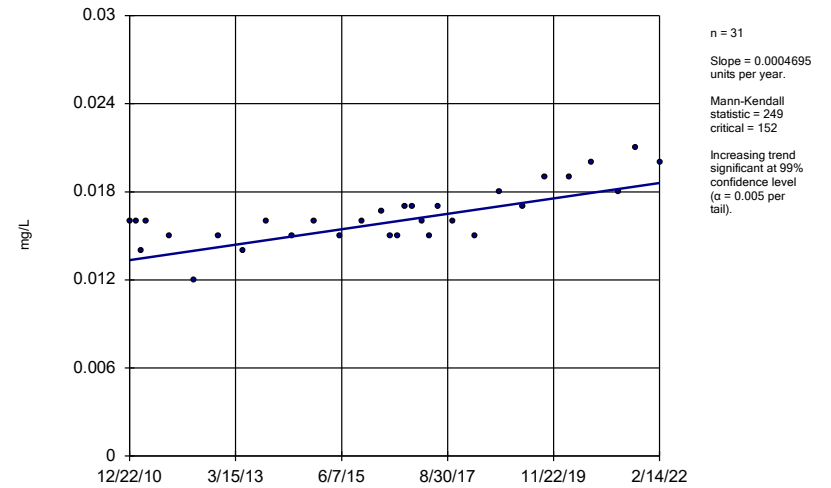
GWA-49 (bg)



Constituent: Barium, Total Analysis Run 4/7/2022 12:53 PM View: Appendix I - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

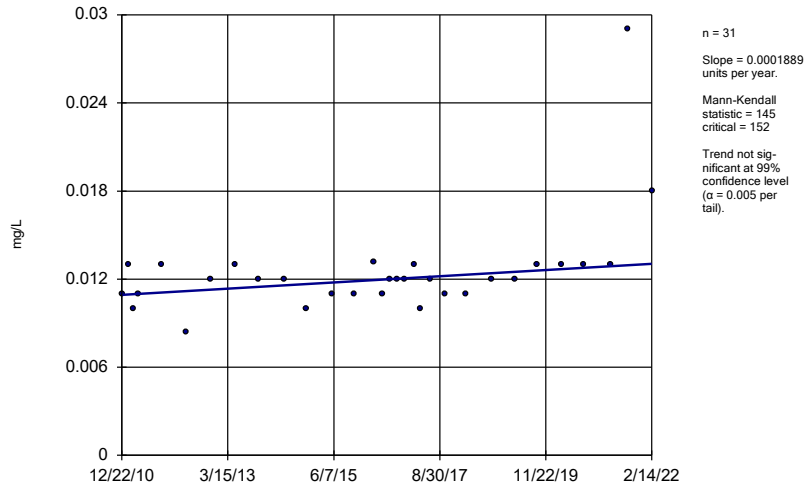
Sen's Slope Estimator

GWC-29



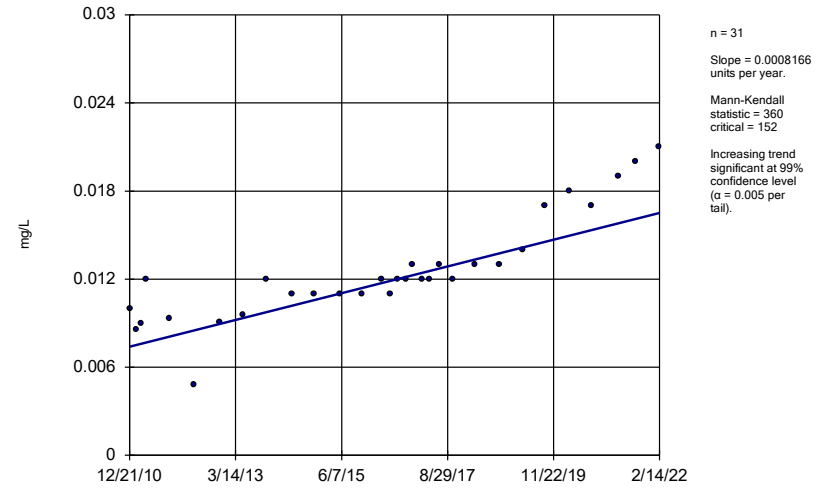
Constituent: Barium, Total Analysis Run 4/7/2022 12:53 PM View: Appendix I - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator GWC-50



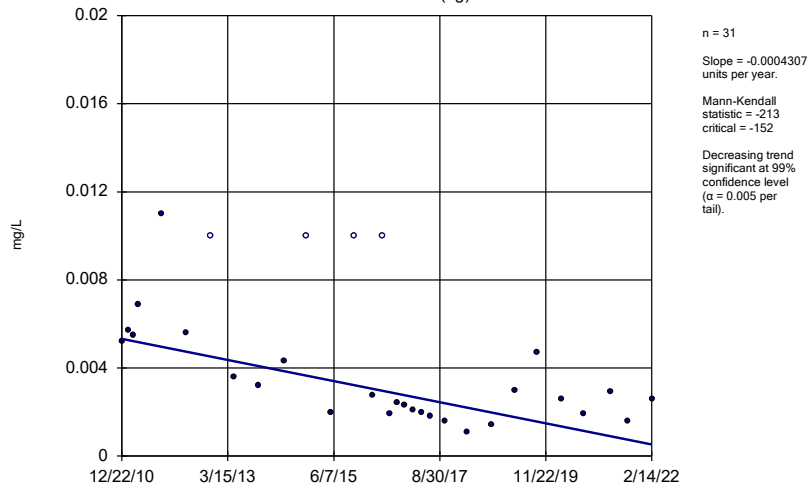
Constituent: Barium, Total Analysis Run 4/7/2022 12:53 PM View: Appendix I - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator GWC-52



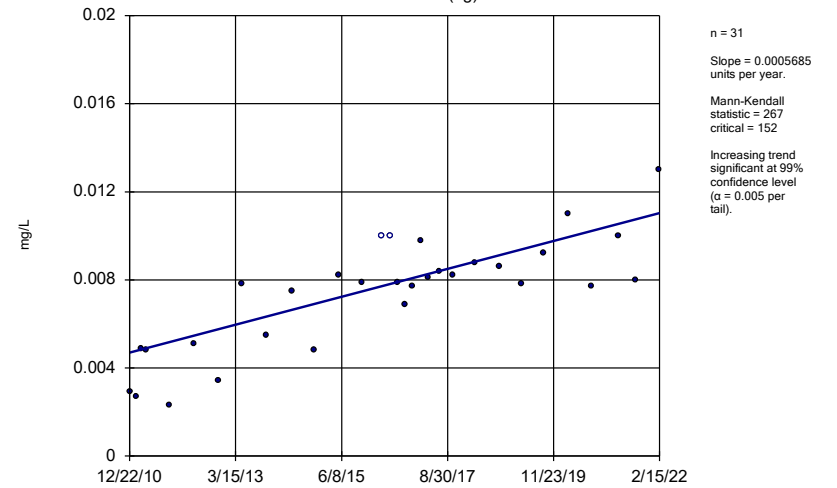
Constituent: Barium, Total Analysis Run 4/7/2022 12:53 PM View: Appendix I - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator GWA-21 (bg)



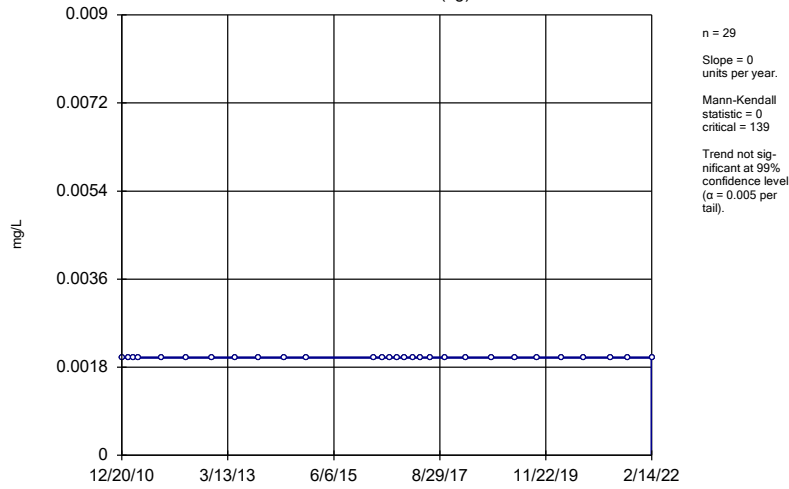
Constituent: Chromium, Total Analysis Run 4/7/2022 12:53 PM View: Appendix I - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator GWA-22 (bg)



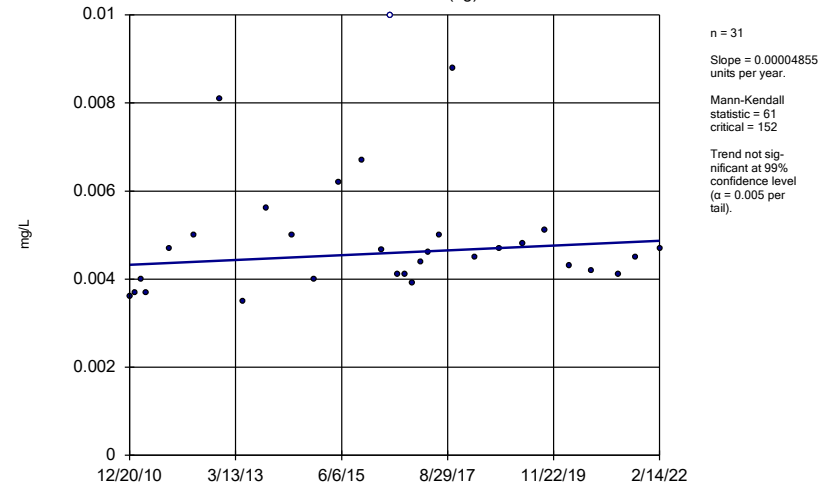
Constituent: Chromium, Total Analysis Run 4/7/2022 12:53 PM View: Appendix I - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator
 GWA-45 (bg)



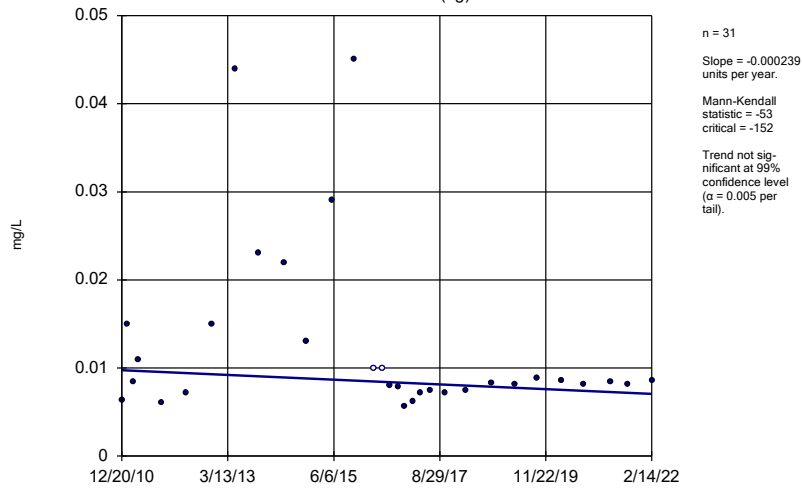
Constituent: Chromium, Total Analysis Run 4/7/2022 12:53 PM View: Appendix I - Trend Tests
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator
 GWA-46 (bg)



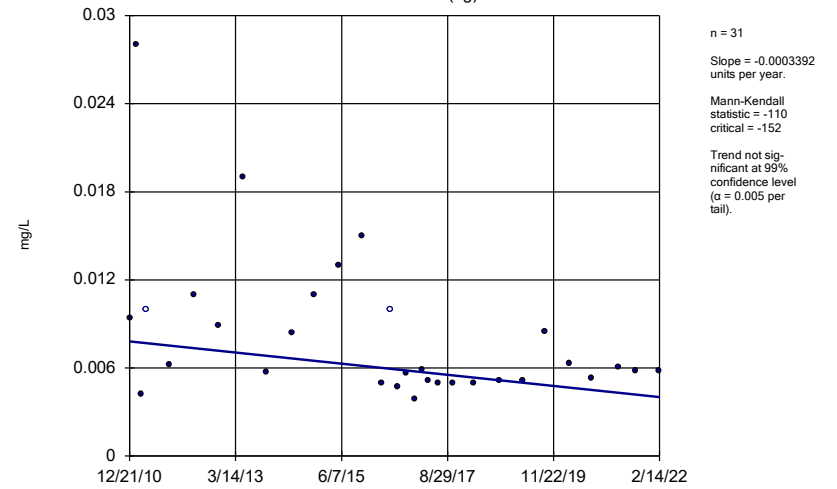
Constituent: Chromium, Total Analysis Run 4/7/2022 12:53 PM View: Appendix I - Trend Tests
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator
 GWA-47 (bg)



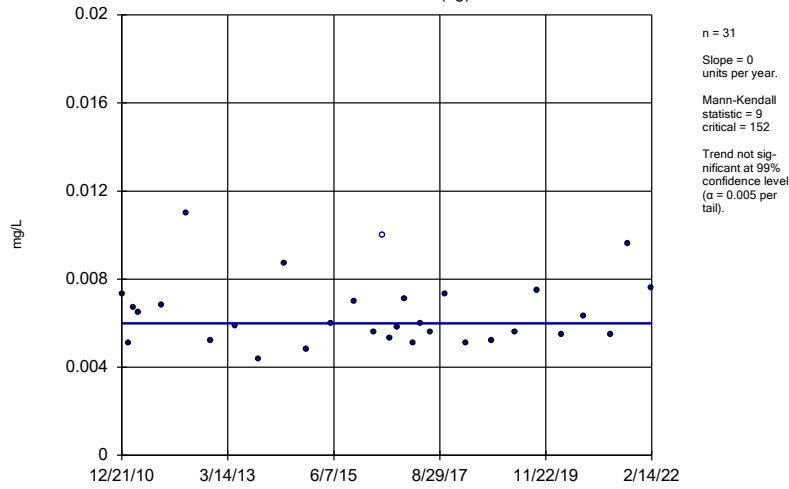
Constituent: Chromium, Total Analysis Run 4/7/2022 12:53 PM View: Appendix I - Trend Tests
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator
 GWA-48 (bg)



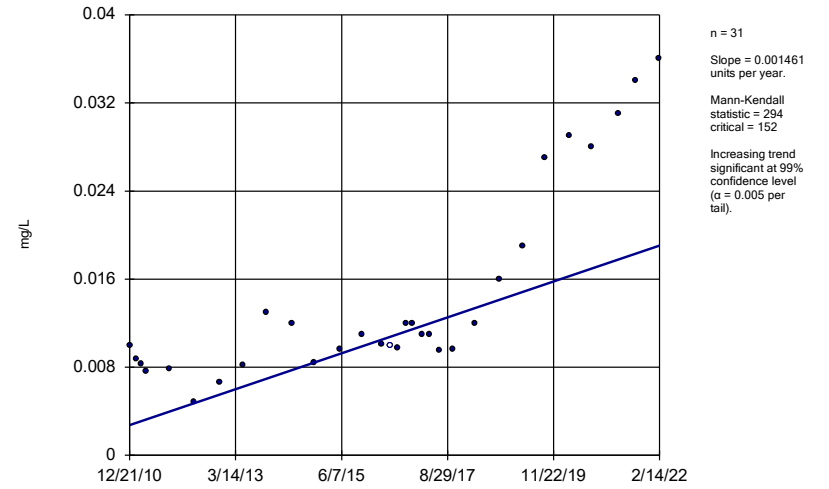
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 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator
GWA-49 (bg)



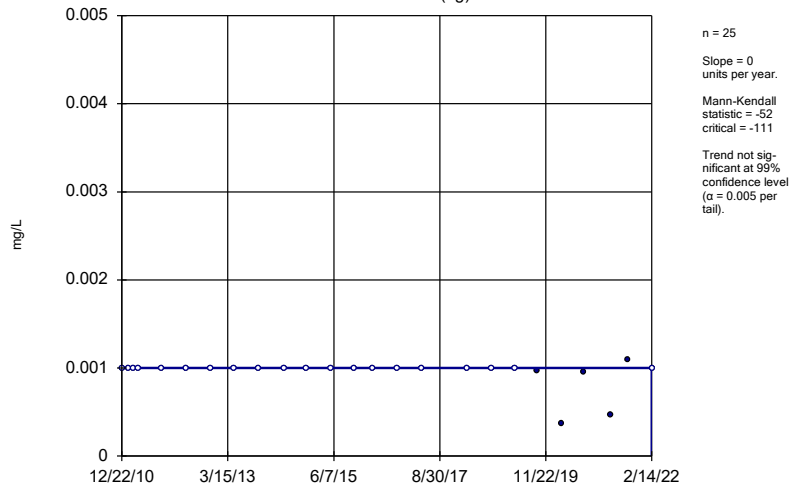
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Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator
GWC-52



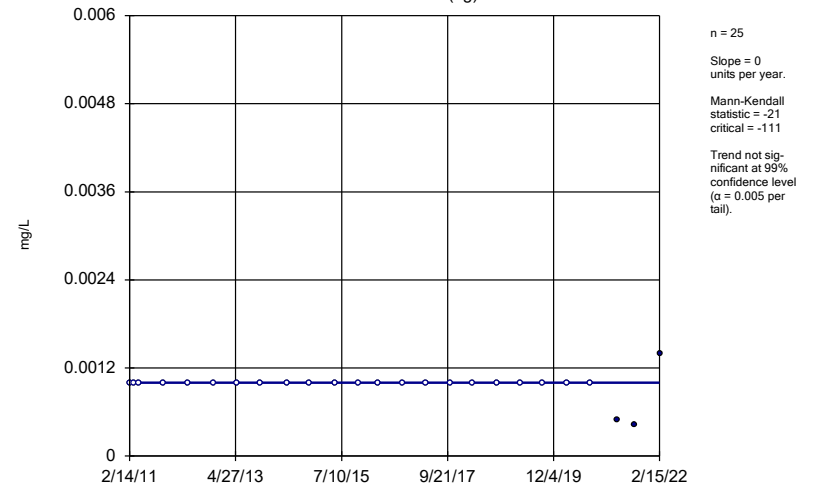
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Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator
GWA-21 (bg)



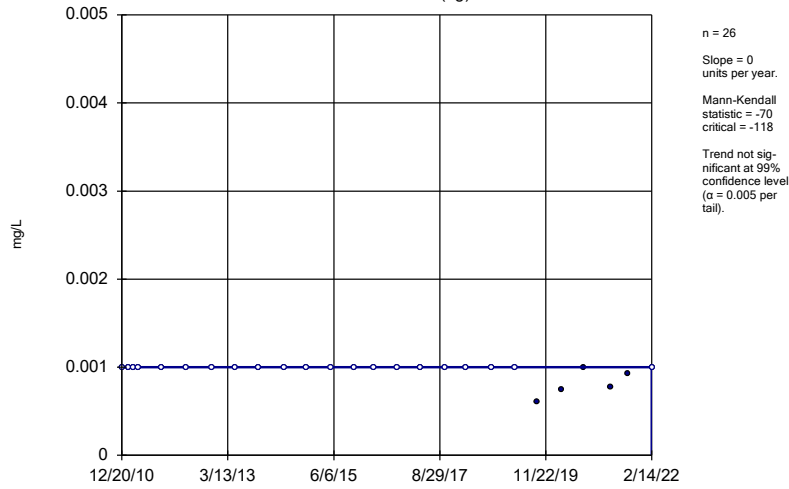
Constituent: Nickel, Total Analysis Run 4/7/2022 12:53 PM View: Appendix I - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator
GWA-22 (bg)



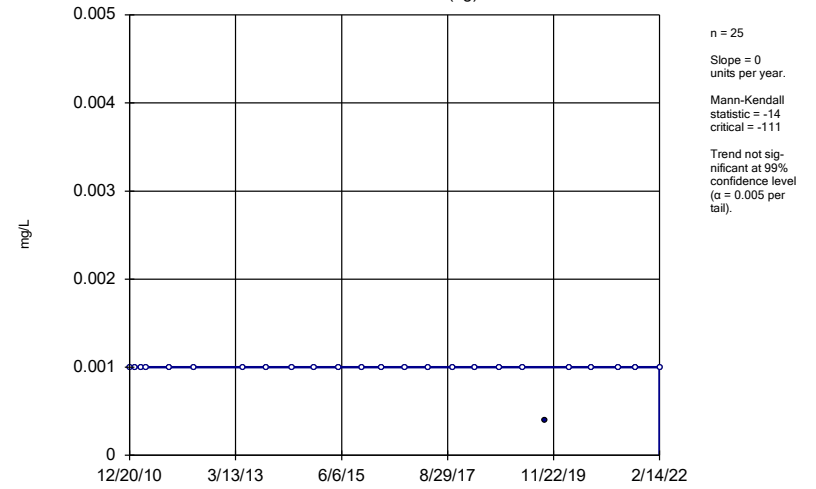
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Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator
GWA-45 (bg)



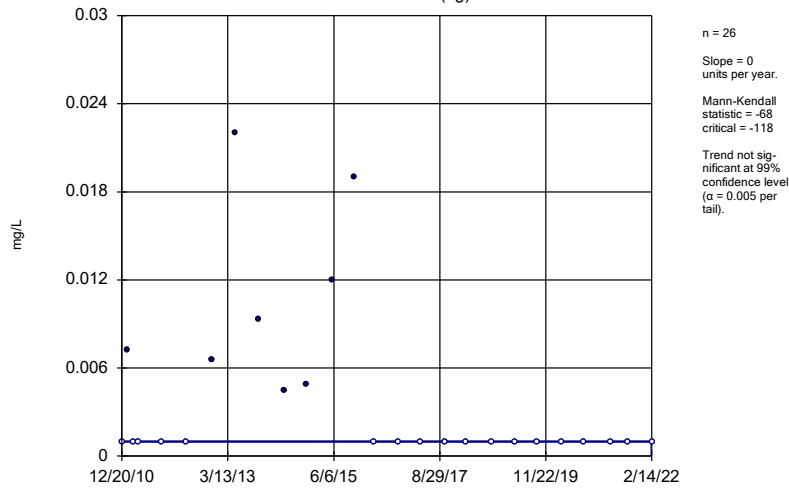
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Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator
GWA-46 (bg)



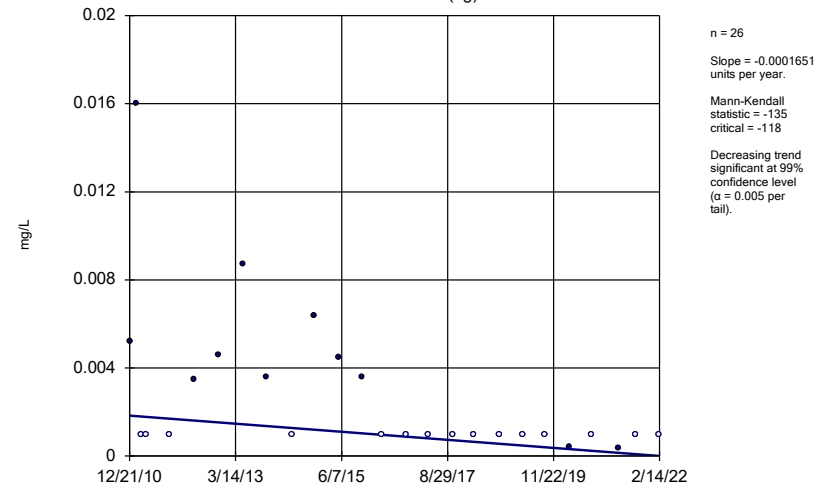
Constituent: Nickel, Total Analysis Run 4/7/2022 12:53 PM View: Appendix I - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator
GWA-47 (bg)



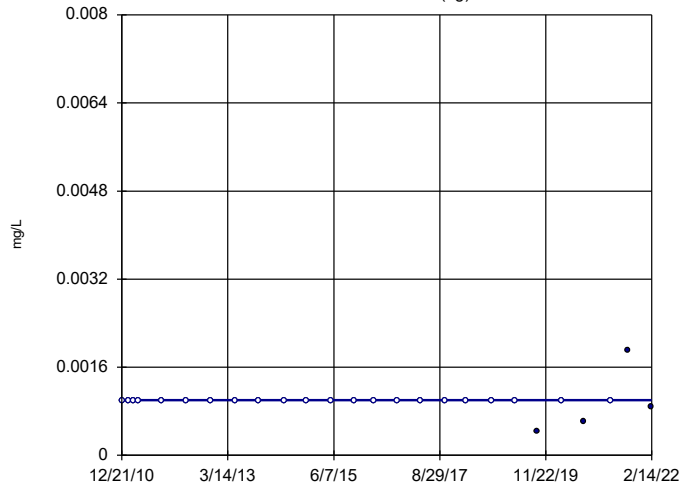
Constituent: Nickel, Total Analysis Run 4/7/2022 12:53 PM View: Appendix I - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator
GWA-48 (bg)



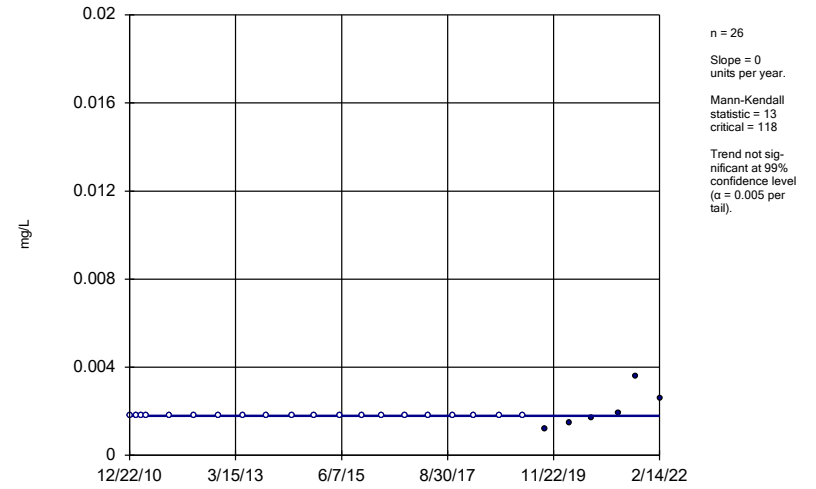
Constituent: Nickel, Total Analysis Run 4/7/2022 12:53 PM View: Appendix I - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator
GWA-49 (bg)



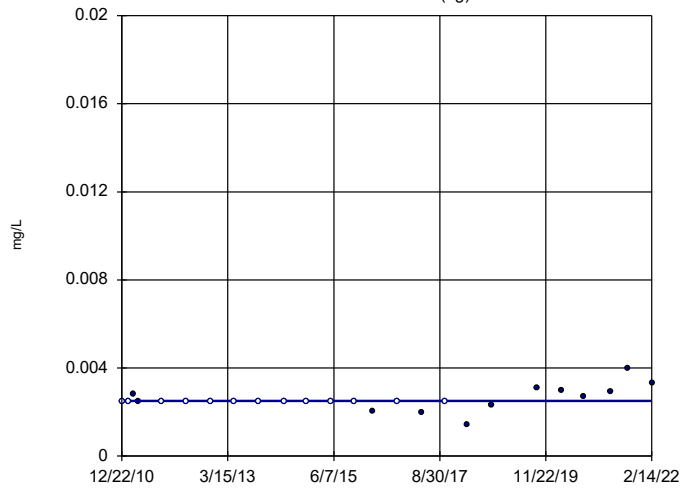
Constituent: Nickel, Total Analysis Run 4/7/2022 12:53 PM View: Appendix I - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator
GWC-50



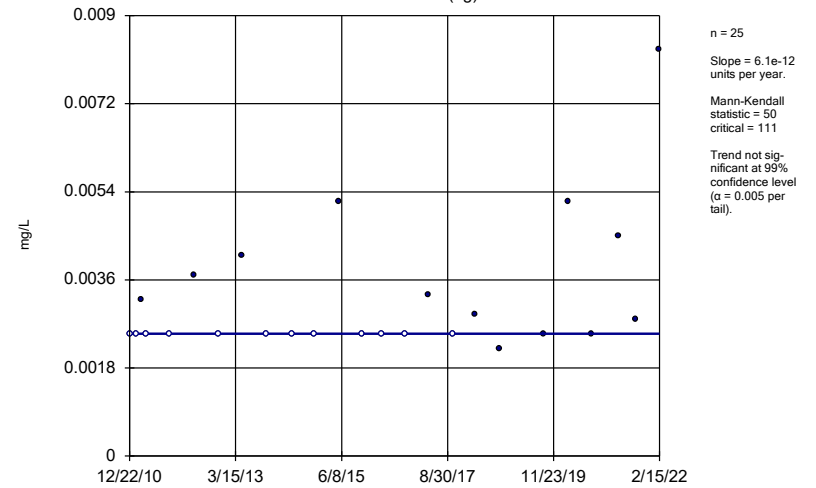
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Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator
GWA-21 (bg)



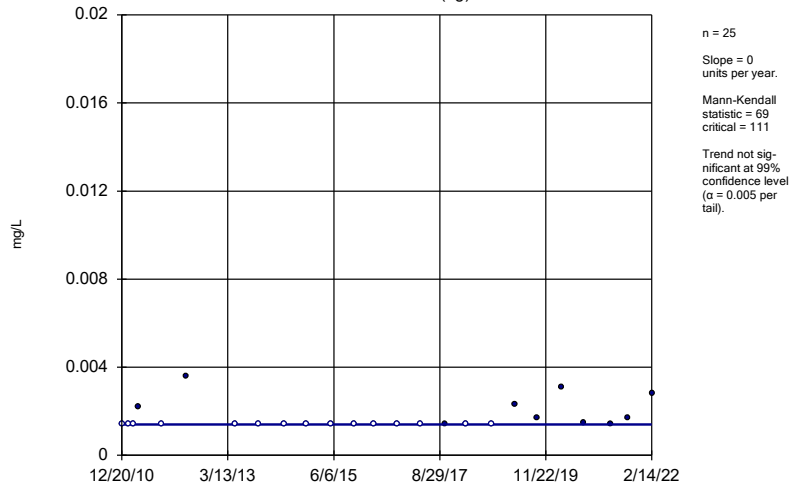
Constituent: Vanadium, Total Analysis Run 4/7/2022 12:53 PM View: Appendix I - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator
GWA-22 (bg)



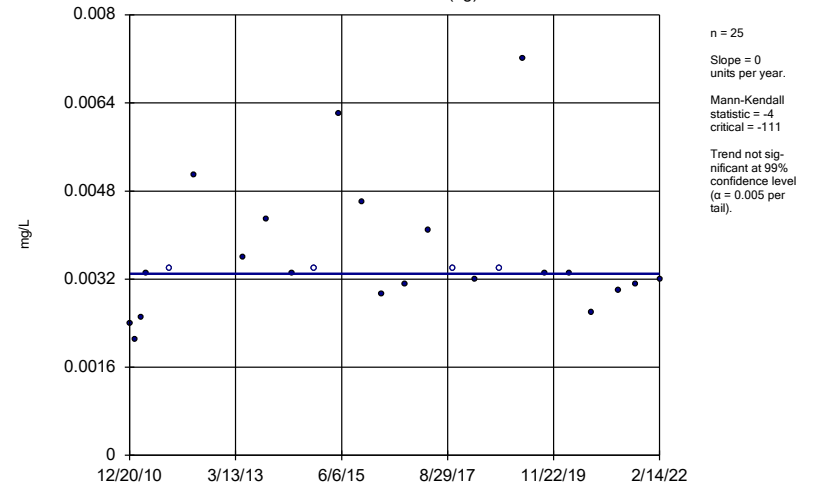
Constituent: Vanadium, Total Analysis Run 4/7/2022 12:53 PM View: Appendix I - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator
 GWA-45 (bg)



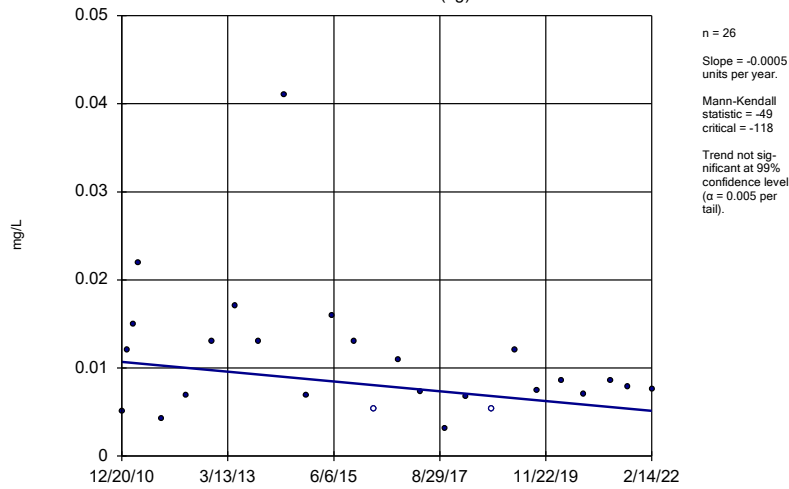
Constituent: Vanadium, Total Analysis Run 4/7/2022 12:53 PM View: Appendix I - Trend Tests
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator
 GWA-46 (bg)



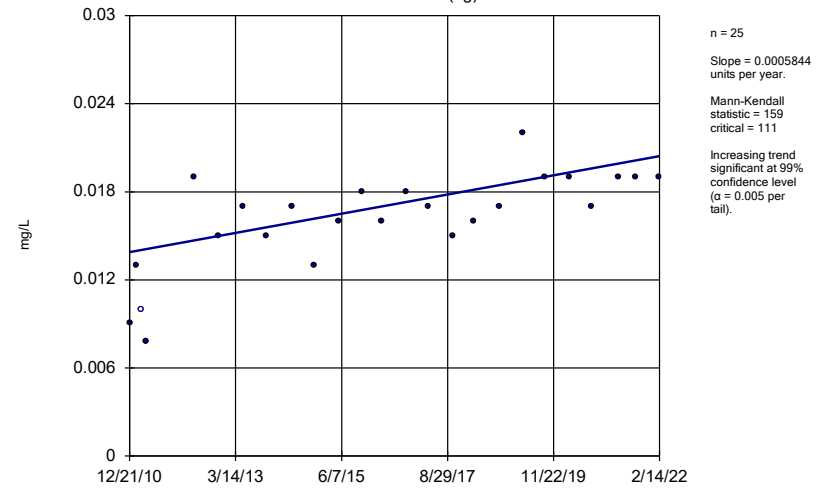
Constituent: Vanadium, Total Analysis Run 4/7/2022 12:53 PM View: Appendix I - Trend Tests
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator
 GWA-47 (bg)



Constituent: Vanadium, Total Analysis Run 4/7/2022 12:53 PM View: Appendix I - Trend Tests
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

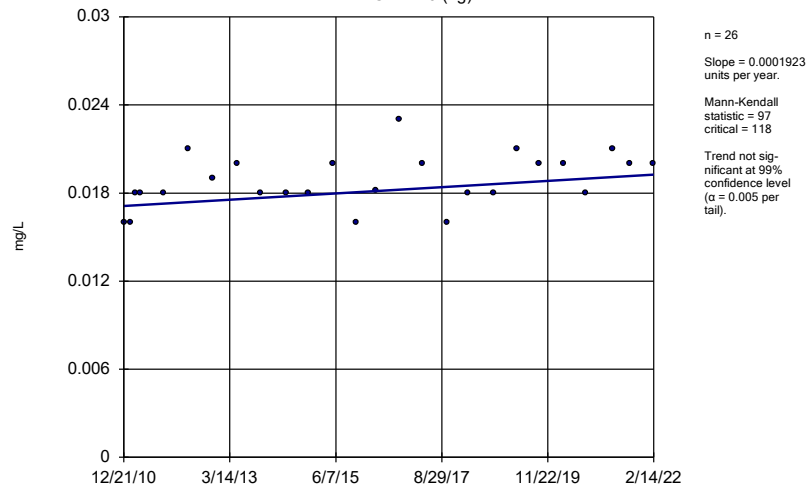
Sen's Slope Estimator
 GWA-48 (bg)



Constituent: Vanadium, Total Analysis Run 4/7/2022 12:53 PM View: Appendix I - Trend Tests
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

GWA-49 (bg)



Constituent: Vanadium, Total Analysis Run 4/7/2022 12:53 PM View: Appendix I - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

FIGURE G.

Appendix III Intrawell Prediction Limits - Significant Results

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 4/7/2022, 1:06 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method
Chloride (mg/L)	GWA-46	4.852	n/a	2/14/2022	5	Yes	15	3.488	0.6223	0	None	No	0.001504 Param Intra 1 of 2
Chloride (mg/L)	GWC-51	7.599	n/a	2/15/2022	7.6	Yes	14	6.793	0.3605	0	None	No	0.001504 Param Intra 1 of 2
pH (S.U.)	GWA-21	5.979	5.611	2/14/2022	5.99	Yes	17	5.795	0.08654	0	None	No	0.000752 Param Intra 1 of 2
pH (S.U.)	GWA-22	6.255	5.546	2/15/2022	6.4	Yes	18	5.901	0.1685	0	None	No	0.000752 Param Intra 1 of 2
pH (S.U.)	GWA-47	6.578	6.308	2/14/2022	6.6	Yes	19	6.443	0.06488	0	None	No	0.000752 Param Intra 1 of 2
pH (S.U.)	GWA-49	7.057	6.66	2/14/2022	7.1	Yes	17	6.858	0.09329	0	None	No	0.000752 Param Intra 1 of 2
pH (S.U.)	GWC-29	6.059	5.652	2/14/2022	6.29	Yes	17	5.855	0.09566	0	None	No	0.000752 Param Intra 1 of 2
pH (S.U.)	GWC-51	5.975	5.734	2/15/2022	6.02	Yes	18	5.854	0.05721	0	None	No	0.000752 Param Intra 1 of 2
pH (S.U.)	GWC-52	6.787	6.516	2/14/2022	6.79	Yes	18	6.652	0.06447	0	None	No	0.000752 Param Intra 1 of 2
Sulfate (mg/L)	GWC-52	26.14	n/a	2/14/2022	56	Yes	11	12.62	5.636	9.091	None	No	0.001504 Param Intra 1 of 2

Appendix III Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 4/7/2022, 1:06 PM

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	2/14/2022	0.08ND	No	15	n/a	n/a	86.67	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-45	1.23	n/a	2/14/2022	0.86	No	15	0.5984	0.288	0	None	No	0.001504	Param Intra 1 of 2
Boron (mg/L)	GWA-47	0.08	n/a	2/14/2022	0.08ND	No	15	n/a	n/a	93.33	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-48	0.08	n/a	2/14/2022	0.08ND	No	15	n/a	n/a	100	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-29	0.08	n/a	2/14/2022	0.08ND	No	15	n/a	n/a	93.33	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-53	1.103	n/a	2/14/2022	1	No	15	0.9376	0.0752	0	None	No	0.001504	Param Intra 1 of 2
Calcium (mg/L)	GWA-21	11.54	n/a	2/14/2022	8	No	15	8.885	1.213	0	None	No	0.001504	Param Intra 1 of 2
Calcium (mg/L)	GWA-22	9.681	n/a	2/15/2022	9.6	No	15	6.973	1.235	0	None	No	0.001504	Param Intra 1 of 2
Calcium (mg/L)	GWA-45	46.75	n/a	2/14/2022	26	No	15	36.75	4.558	0	None	No	0.001504	Param Intra 1 of 2
Calcium (mg/L)	GWA-46	7.002	n/a	2/14/2022	5.9	No	15	5.705	0.5914	0	None	No	0.001504	Param Intra 1 of 2
Calcium (mg/L)	GWA-47	12.34	n/a	2/14/2022	11	No	15	10.91	0.6552	0	None	No	0.001504	Param Intra 1 of 2
Calcium (mg/L)	GWA-48	14.32	n/a	2/14/2022	11	No	15	12.53	0.813	0	None	No	0.001504	Param Intra 1 of 2
Calcium (mg/L)	GWA-49	15.64	n/a	2/14/2022	13	No	15	14.17	0.6715	0	None	No	0.001504	Param Intra 1 of 2
Calcium (mg/L)	GWC-29	16	n/a	2/14/2022	16	No	15	n/a	n/a	0	n/a	n/a	0.007533	NP Intra (normality) 1 of 2
Calcium (mg/L)	GWC-50	8.176	n/a	2/14/2022	6.5	No	15	7.156	0.465	0	None	No	0.001504	Param Intra 1 of 2
Calcium (mg/L)	GWC-51	7.763	n/a	2/15/2022	6.4	No	15	6.72	0.4754	0	None	No	0.001504	Param Intra 1 of 2
Calcium (mg/L)	GWC-52	19.24	n/a	2/14/2022	18	No	15	14.34	2.233	0	None	No	0.001504	Param Intra 1 of 2
Calcium (mg/L)	GWC-53	21.11	n/a	2/14/2022	16	No	15	17.19	1.786	0	None	No	0.001504	Param Intra 1 of 2
Chloride (mg/L)	GWA-21	4.319	n/a	2/14/2022	4	No	15	3.296	0.4668	0	None	No	0.001504	Param Intra 1 of 2
Chloride (mg/L)	GWA-22	4.968	n/a	2/15/2022	1.8	No	15	2.927	0.9308	0	None	No	0.001504	Param Intra 1 of 2
Chloride (mg/L)	GWA-45	12	n/a	2/14/2022	10	No	15	n/a	n/a	0	n/a	n/a	0.007533	NP Intra (normality) 1 of 2
Chloride (mg/L)	GWA-46	4.852	n/a	2/14/2022	5	Yes	15	3.488	0.6223	0	None	No	0.001504	Param Intra 1 of 2
Chloride (mg/L)	GWA-47	1.787	n/a	2/14/2022	1.5	No	15	1.478	0.1408	0	None	No	0.001504	Param Intra 1 of 2
Chloride (mg/L)	GWA-48	1.996	n/a	2/14/2022	1.8	No	14	1.724	0.1215	0	None	No	0.001504	Param Intra 1 of 2
Chloride (mg/L)	GWA-49	2.384	n/a	2/14/2022	2	No	15	2.072	0.1421	0	None	No	0.001504	Param Intra 1 of 2
Chloride (mg/L)	GWC-29	4.145	n/a	2/14/2022	3.8	No	14	3.393	0.3362	0	None	No	0.001504	Param Intra 1 of 2
Chloride (mg/L)	GWC-50	2.183	n/a	2/14/2022	1.9	No	15	1.953	0.105	0	None	No	0.001504	Param Intra 1 of 2
Chloride (mg/L)	GWC-51	7.599	n/a	2/15/2022	7.6	Yes	14	6.793	0.3605	0	None	No	0.001504	Param Intra 1 of 2
Chloride (mg/L)	GWC-52	8.538	n/a	2/14/2022	7.6	No	14	7.9	0.2855	0	None	No	0.001504	Param Intra 1 of 2
Chloride (mg/L)	GWC-53	13	n/a	2/14/2022	12	No	15	n/a	n/a	0	n/a	n/a	0.007533	NP Intra (normality) 1 of 2
Fluoride (mg/L)	GWA-21	0.082	n/a	2/14/2022	0.058J	No	15	n/a	n/a	66.67	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-22	0.082	n/a	2/15/2022	0.088J	No	15	n/a	n/a	73.33	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-45	0.1	n/a	2/14/2022	0.052J	No	15	n/a	n/a	80	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-46	0.1	n/a	2/14/2022	0.05J	No	15	n/a	n/a	86.67	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-47	0.1	n/a	2/14/2022	0.068J	No	15	n/a	n/a	80	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-48	0.1	n/a	2/14/2022	0.056J	No	15	n/a	n/a	60	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-49	0.082	n/a	2/14/2022	0.07J	No	15	n/a	n/a	66.67	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-29	0.082	n/a	2/14/2022	0.074J	No	15	n/a	n/a	66.67	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-50	0.1	n/a	2/14/2022	0.057J	No	15	n/a	n/a	73.33	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-51	0.1	n/a	2/15/2022	0.06J	No	15	n/a	n/a	73.33	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-52	0.082	n/a	2/14/2022	0.055J	No	15	n/a	n/a	73.33	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-53	0.1	n/a	2/14/2022	0.041J	No	15	n/a	n/a	100	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
pH (S.U.)	GWA-21	5.979	5.611	2/14/2022	5.99	Yes	17	5.795	0.08654	0	None	No	0.000752	Param Intra 1 of 2
pH (S.U.)	GWA-22	6.255	5.546	2/15/2022	6.4	Yes	18	5.901	0.1685	0	None	No	0.000752	Param Intra 1 of 2
pH (S.U.)	GWA-45	6.48	5.95	2/14/2022	6.31	No	17	n/a	n/a	0	n/a	n/a	0.01183	NP Intra (normality) 1 of 2
pH (S.U.)	GWA-46	6.83	5.71	2/14/2022	5.85	No	17	n/a	n/a	0	n/a	n/a	0.01183	NP Intra (normality) 1 of 2
pH (S.U.)	GWA-47	6.578	6.308	2/14/2022	6.6	Yes	19	6.443	0.06488	0	None	No	0.000752	Param Intra 1 of 2
pH (S.U.)	GWA-48	6.953	6.562	2/14/2022	6.93	No	17	6.758	0.09196	0	None	No	0.000752	Param Intra 1 of 2
pH (S.U.)	GWA-49	7.057	6.66	2/14/2022	7.1	Yes	17	6.858	0.09329	0	None	No	0.000752	Param Intra 1 of 2
pH (S.U.)	GWC-29	6.059	5.652	2/14/2022	6.29	Yes	17	5.855	0.09566	0	None	No	0.000752	Param Intra 1 of 2
pH (S.U.)	GWC-50	5.967	5.667	2/14/2022	5.9	No	18	5.817	0.07136	0	None	No	0.000752	Param Intra 1 of 2
pH (S.U.)	GWC-51	5.975	5.734	2/15/2022	6.02	Yes	18	5.854	0.05721	0	None	No	0.000752	Param Intra 1 of 2
pH (S.U.)	GWC-52	6.787	6.516	2/14/2022	6.79	Yes	18	6.652	0.06447	0	None	No	0.000752	Param Intra 1 of 2
pH (S.U.)	GWC-53	5.76	5.427	2/14/2022	5.65	No	17	5.594	0.07834	0	None	No	0.000752	Param Intra 1 of 2

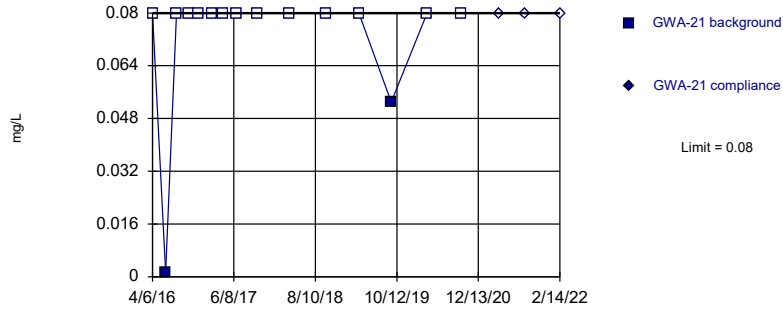
Appendix III Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 4/7/2022, 1:06 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method
Sulfate (mg/L)	GWA-21	2.559	n/a	2/14/2022	1	No	15	1.375	0.5398	6.667	None	No	0.001504 Param Intra 1 of 2
Sulfate (mg/L)	GWA-22	1	n/a	2/15/2022	0.87J	No	15	n/a	n/a	93.33	n/a	n/a	0.007533 NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-45	183.3	n/a	2/14/2022	130	No	15	147.8	16.19	0	None	No	0.001504 Param Intra 1 of 2
Sulfate (mg/L)	GWA-46	1	n/a	2/14/2022	1ND	No	15	n/a	n/a	66.67	n/a	n/a	0.007533 NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-47	1	n/a	2/14/2022	1ND	No	15	n/a	n/a	80	n/a	n/a	0.007533 NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-48	1.689	n/a	2/14/2022	1.2	No	15	1.235	0.2069	0	None	No	0.001504 Param Intra 1 of 2
Sulfate (mg/L)	GWA-49	1	n/a	2/14/2022	0.85J	No	15	n/a	n/a	66.67	n/a	n/a	0.007533 NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-29	3.367	n/a	2/14/2022	2.9	No	15	2.643	0.33	6.667	None	No	0.001504 Param Intra 1 of 2
Sulfate (mg/L)	GWC-50	1	n/a	2/14/2022	1ND	No	15	n/a	n/a	93.33	n/a	n/a	0.007533 NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-51	2.7	n/a	2/15/2022	1.8	No	15	n/a	n/a	66.67	n/a	n/a	0.007533 NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-52	26.14	n/a	2/14/2022	56	Yes	11	12.62	5.636	9.091	None	No	0.001504 Param Intra 1 of 2
Sulfate (mg/L)	GWC-53	186.4	n/a	2/14/2022	150	No	15	153.7	14.9	0	None	No	0.001504 Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-21	129.8	n/a	2/14/2022	100	No	15	85.4	20.24	0	None	No	0.001504 Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-22	105.2	n/a	2/15/2022	85	No	15	66.13	17.82	0	None	No	0.001504 Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-45	366.7	n/a	2/14/2022	290	No	15	271.8	43.29	0	None	No	0.001504 Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-46	94.72	n/a	2/14/2022	68	No	15	51.77	19.59	6.667	None	No	0.001504 Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-47	118.4	n/a	2/14/2022	94	No	15	86.07	14.72	0	None	No	0.001504 Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-48	126.5	n/a	2/14/2022	100	No	15	92.53	15.48	0	None	No	0.001504 Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-49	131.2	n/a	2/14/2022	110	No	14	107.4	10.65	0	None	No	0.001504 Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-29	139.5	n/a	2/14/2022	120	No	15	90.67	22.27	0	None	No	0.001504 Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-50	119.1	n/a	2/14/2022	79	No	15	70.53	22.17	0	None	No	0.001504 Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-51	108.7	n/a	2/15/2022	67	No	14	77.07	14.12	0	None	No	0.001504 Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-52	193.6	n/a	2/14/2022	150	No	15	128.3	29.78	0	None	No	0.001504 Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-53	332.3	n/a	2/14/2022	280	No	15	254.5	35.48	0	None	No	0.001504 Param Intra 1 of 2

Within Limit

Prediction Limit
 Intrawell Non-parametric

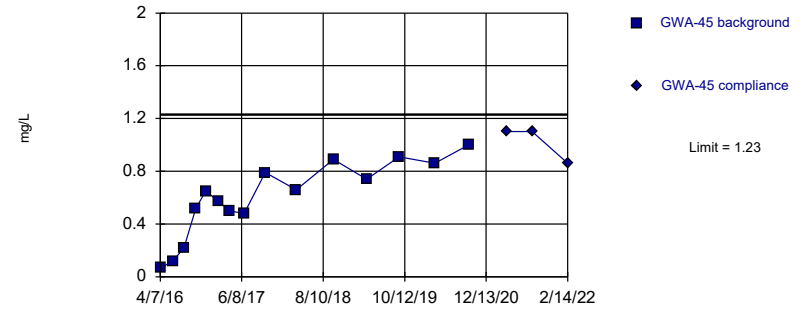


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 86.67% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Boron Analysis Run 4/7/2022 1:01 PM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
 Intrawell Parametric

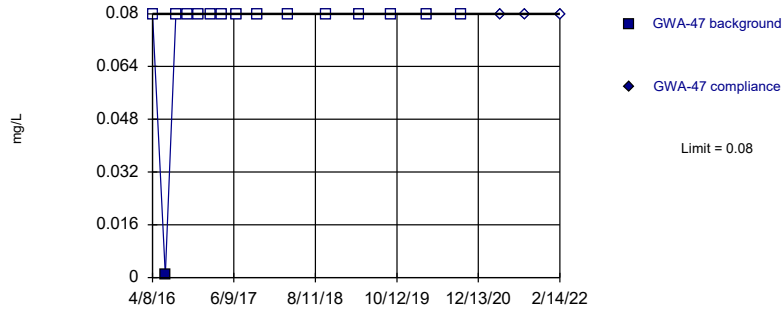


Background Data Summary: Mean=0.5984, Std. Dev.=0.288, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9372, critical = 0.835. Kappa = 2.193 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Boron Analysis Run 4/7/2022 1:01 PM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

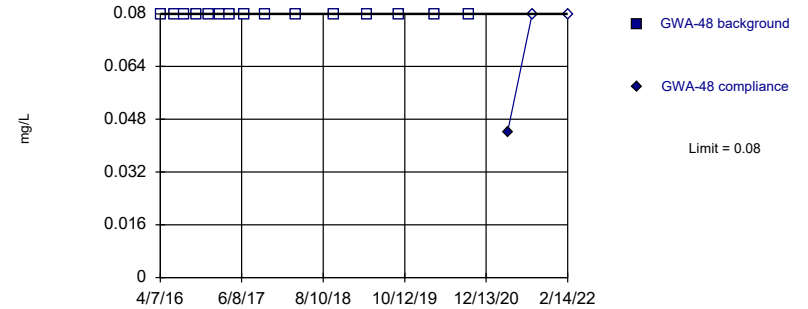


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 93.33% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Boron Analysis Run 4/7/2022 1:01 PM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

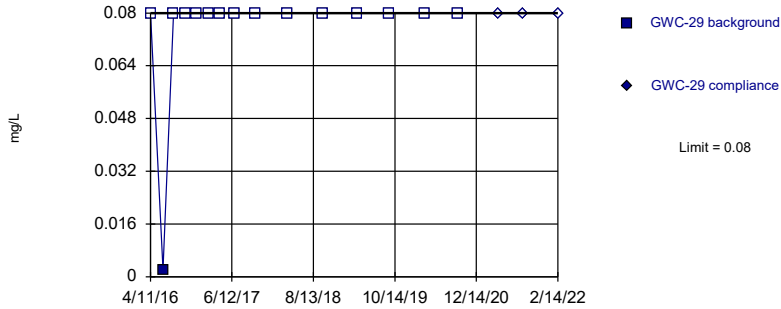


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 15) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Boron Analysis Run 4/7/2022 1:01 PM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

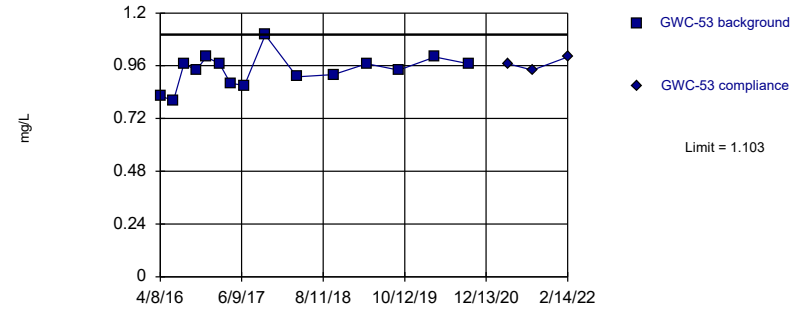


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 93.33% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Boron Analysis Run 4/7/2022 1:01 PM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
 Intrawell Parametric

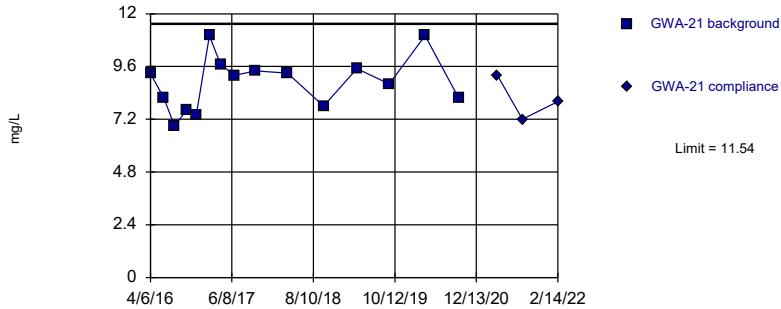


Background Data Summary: Mean=0.9376, Std. Dev.=0.0752, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9611, critical = 0.835. Kappa = 2.193 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Boron Analysis Run 4/7/2022 1:01 PM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
 Intrawell Parametric

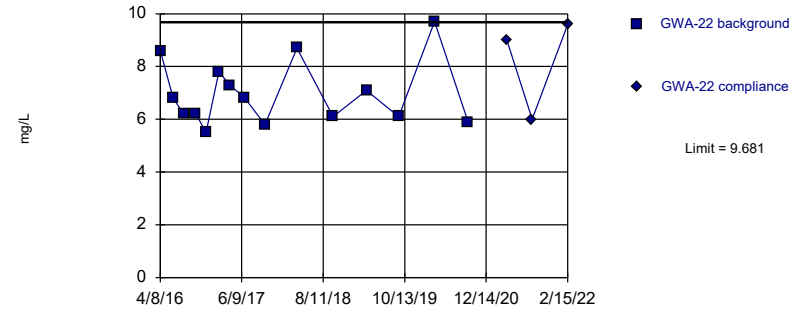


Background Data Summary: Mean=8.885, Std. Dev.=1.213, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9506, critical = 0.835. Kappa = 2.193 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Calcium Analysis Run 4/7/2022 1:01 PM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
 Intrawell Parametric

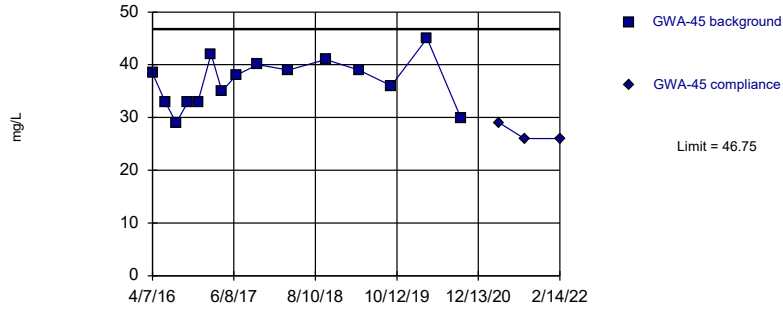


Background Data Summary: Mean=6.973, Std. Dev.=1.235, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8995, critical = 0.835. Kappa = 2.193 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Calcium Analysis Run 4/7/2022 1:01 PM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

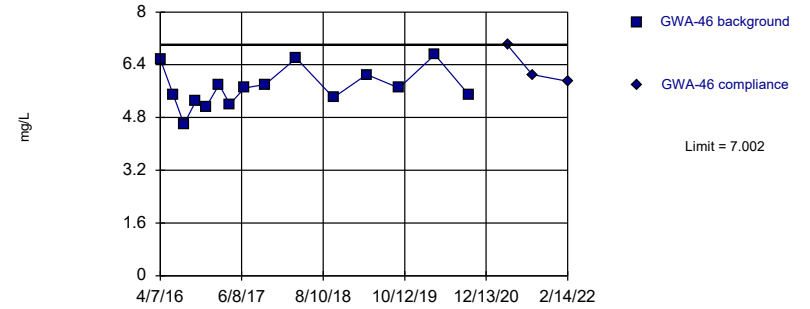


Background Data Summary: Mean=36.75, Std. Dev.=4.558, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9716, critical = 0.835. Kappa = 2.193 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Calcium Analysis Run 4/7/2022 1:01 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

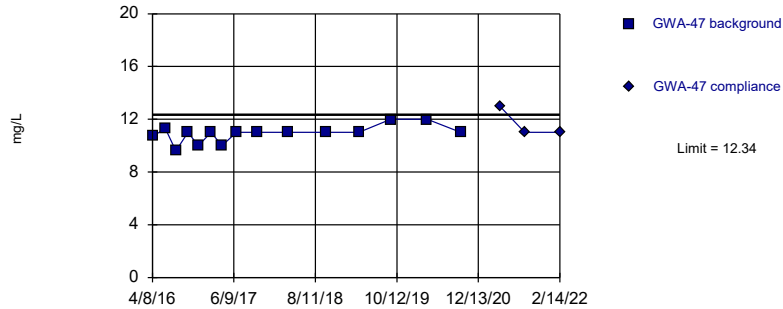


Background Data Summary: Mean=5.705, Std. Dev.=0.5914, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9516, critical = 0.835. Kappa = 2.193 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Calcium Analysis Run 4/7/2022 1:01 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

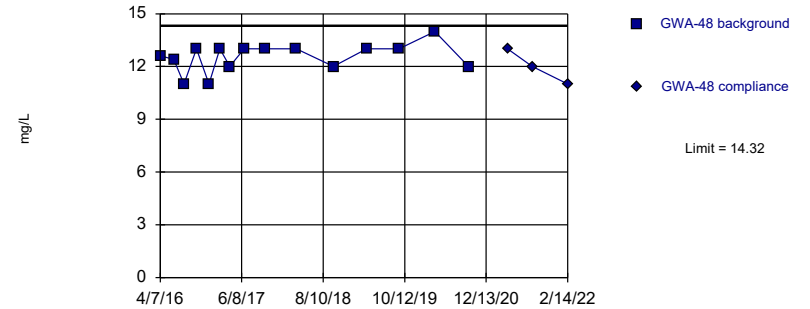


Background Data Summary: Mean=10.91, Std. Dev.=0.6552, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8635, critical = 0.835. Kappa = 2.193 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Calcium Analysis Run 4/7/2022 1:01 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

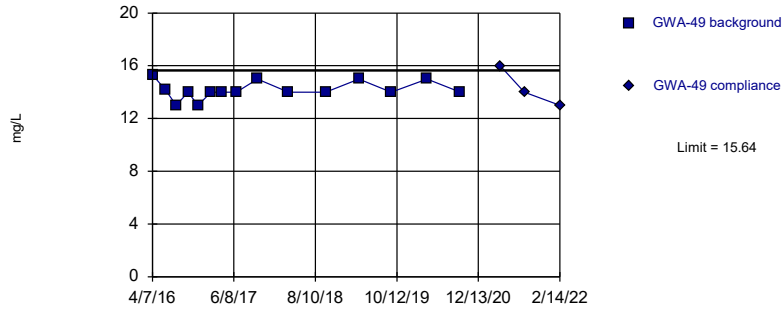


Background Data Summary: Mean=12.53, Std. Dev.=0.813, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8771, critical = 0.835. Kappa = 2.193 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Calcium Analysis Run 4/7/2022 1:01 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Parametric

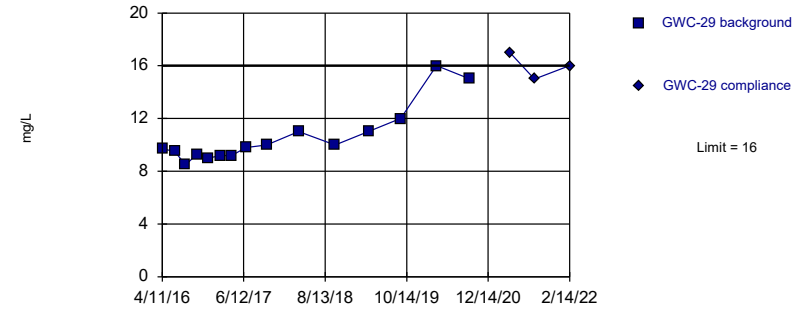


Background Data Summary: Mean=14.17, Std. Dev.=0.6715, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8453, critical = 0.835. Kappa = 2.193 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Calcium Analysis Run 4/7/2022 1:01 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Non-parametric

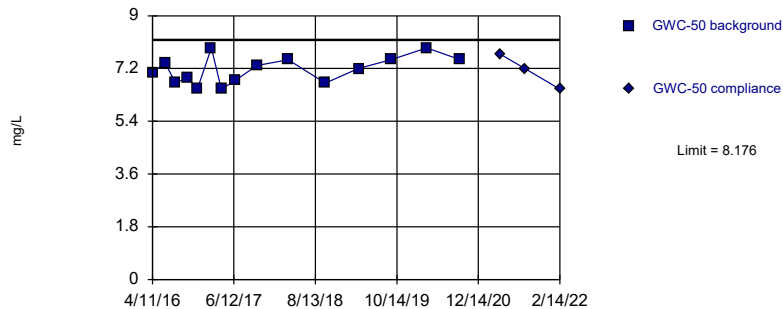


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 15 background values. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Calcium Analysis Run 4/7/2022 1:01 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

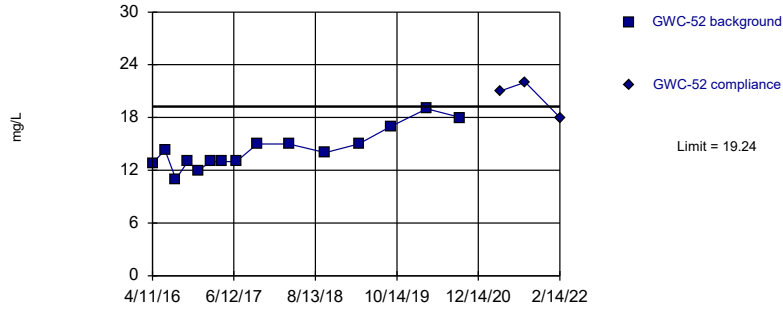
Within Limit

Prediction Limit Intrawell Parametric



Within Limit

Prediction Limit
Intrawell Parametric

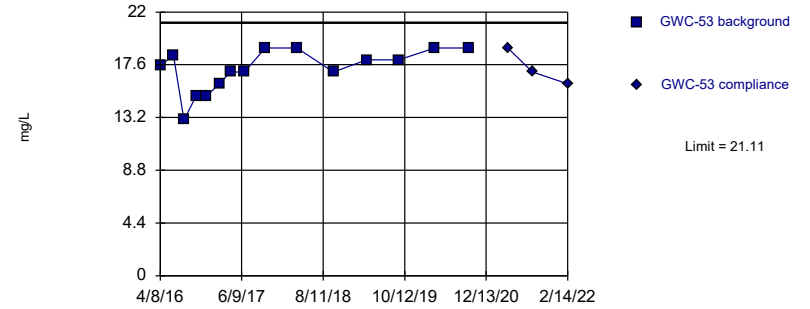


Background Data Summary: Mean=14.34, Std. Dev.=2.233, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9238, critical = 0.835. Kappa = 2.193 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Calcium Analysis Run 4/7/2022 1:01 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

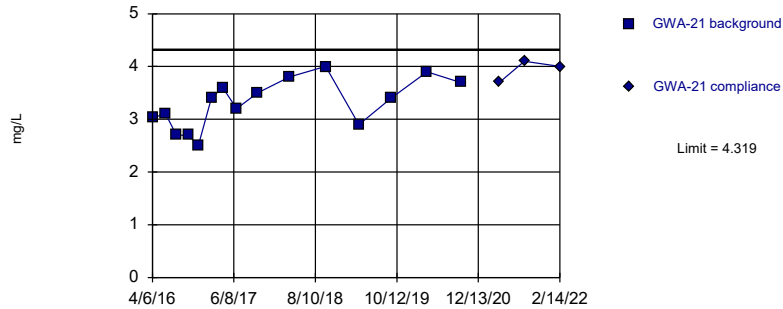


Background Data Summary: Mean=17.19, Std. Dev.=1.786, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8874, critical = 0.835. Kappa = 2.193 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Calcium Analysis Run 4/7/2022 1:01 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

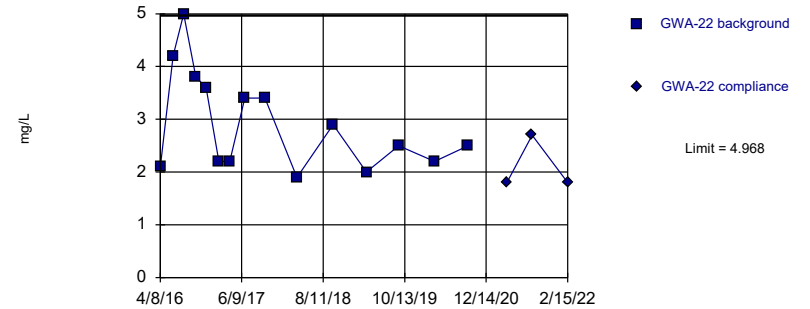


Background Data Summary: Mean=3.296, Std. Dev.=0.4668, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9635, critical = 0.835. Kappa = 2.193 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Chloride Analysis Run 4/7/2022 1:01 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

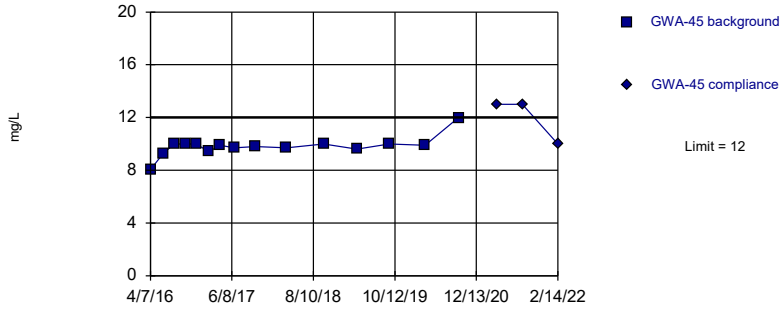


Background Data Summary: Mean=2.927, Std. Dev.=0.9308, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8957, critical = 0.835. Kappa = 2.193 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Chloride Analysis Run 4/7/2022 1:01 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

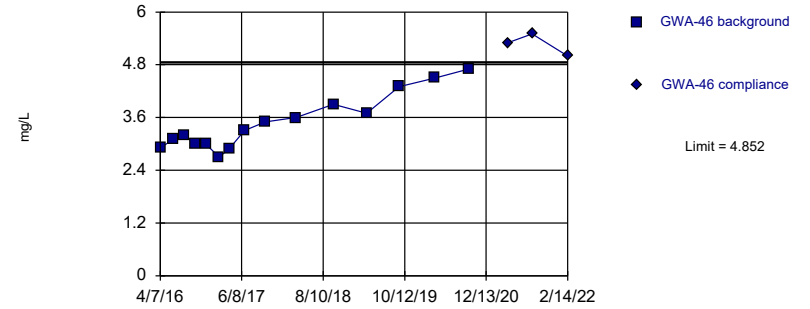


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 15 background values. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Chloride Analysis Run 4/7/2022 1:01 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Exceeds Limit

Prediction Limit
Intrawell Parametric

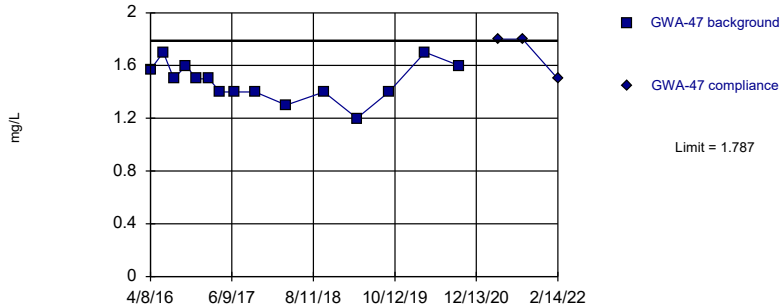


Background Data Summary: Mean=3.488, Std. Dev.=0.6223, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9136, critical = 0.835. Kappa = 2.193 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Chloride Analysis Run 4/7/2022 1:01 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

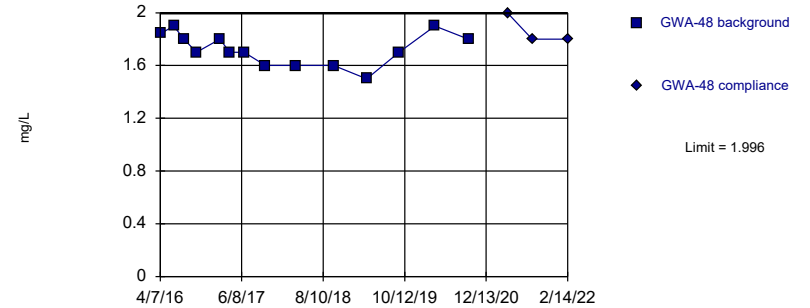


Background Data Summary: Mean=1.478, Std. Dev.=0.1408, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9491, critical = 0.835. Kappa = 2.193 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Chloride Analysis Run 4/7/2022 1:01 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

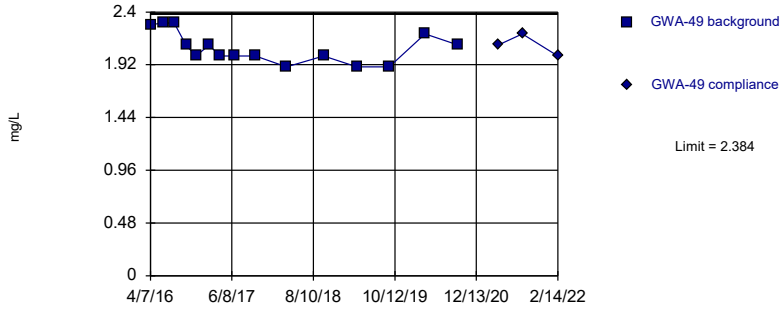


Background Data Summary: Mean=1.724, Std. Dev.=0.1215, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9409, critical = 0.825. Kappa = 2.236 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Chloride Analysis Run 4/7/2022 1:01 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Parametric

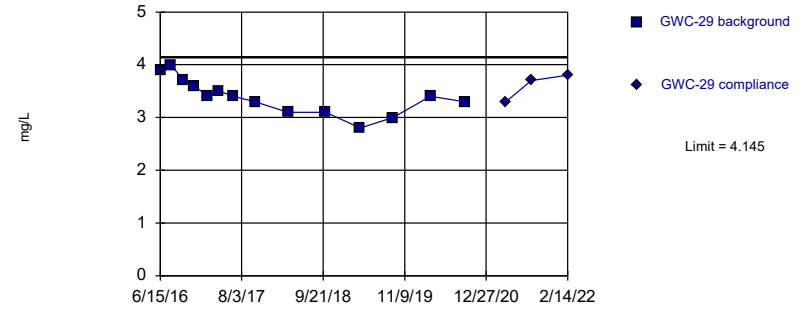


Background Data Summary: Mean=2.072, Std. Dev.=0.1421, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.879, critical = 0.835. Kappa = 2.193 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Chloride Analysis Run 4/7/2022 1:01 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Parametric

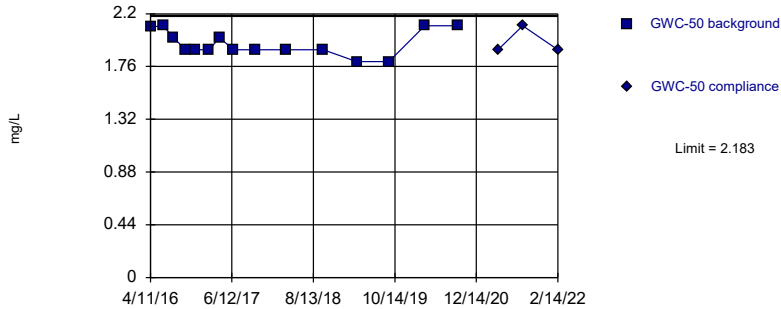


Background Data Summary: Mean=3.393, Std. Dev.=0.3362, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9776, critical = 0.825. Kappa = 2.236 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Chloride Analysis Run 4/7/2022 1:01 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit Intrawell Parametric

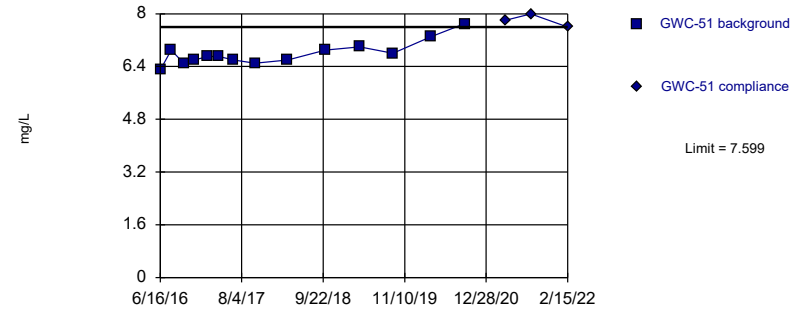


Background Data Summary: Mean=1.953, Std. Dev.=0.105, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8463, critical = 0.835. Kappa = 2.193 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Chloride Analysis Run 4/7/2022 1:01 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

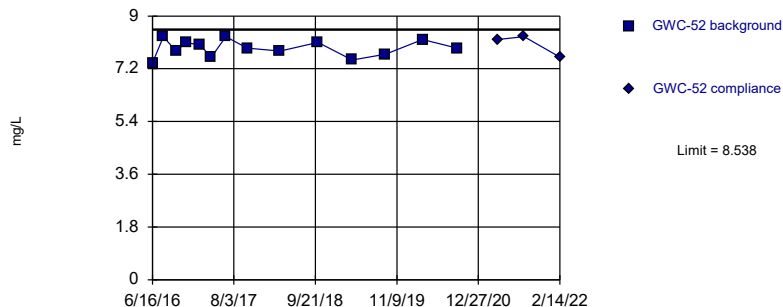
Exceeds Limit

Prediction Limit Intrawell Parametric



Within Limit

Prediction Limit
Intrawell Parametric

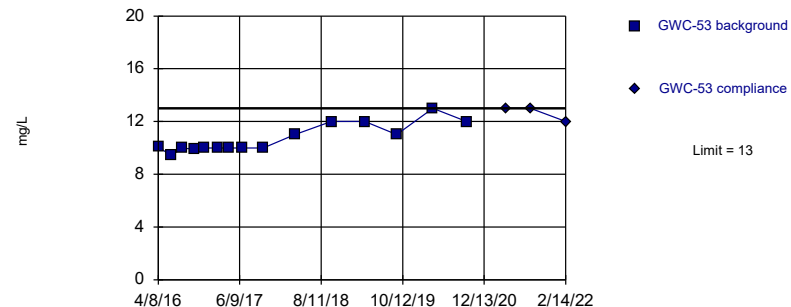


Background Data Summary: Mean=7.9, Std. Dev.=0.2855, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9613, critical = 0.825. Kappa = 2.236 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Chloride Analysis Run 4/7/2022 1:01 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric



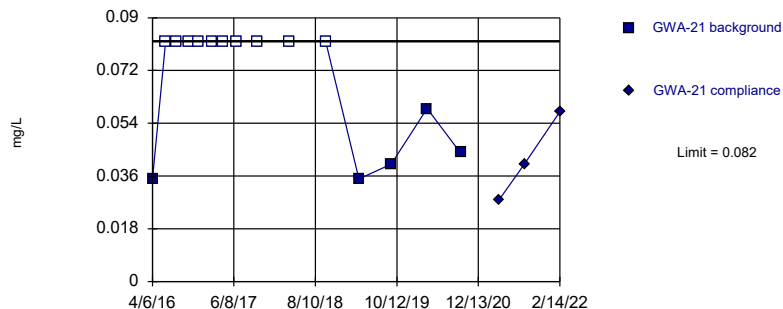
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 15 background values. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Chloride Analysis Run 4/7/2022 1:01 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



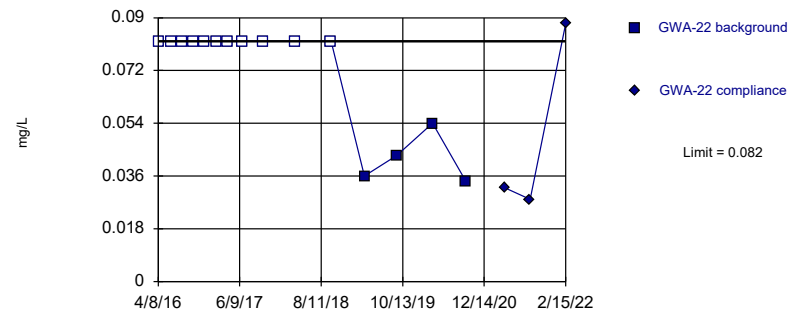
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 66.67% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Fluoride Analysis Run 4/7/2022 1:01 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Hollow symbols indicate censored values.

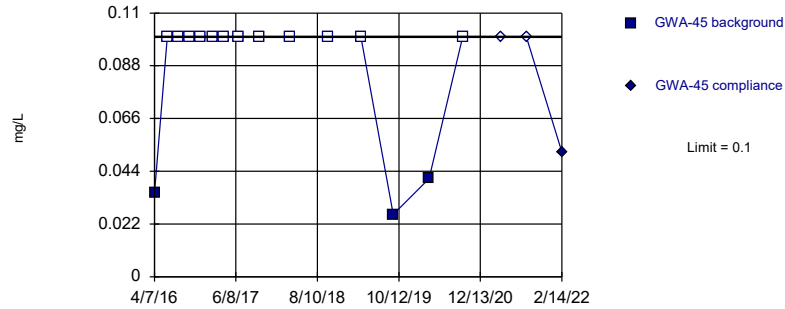
Within Limit

Prediction Limit
Intrawell Non-parametric



Within Limit

Prediction Limit
 Intrawell Non-parametric

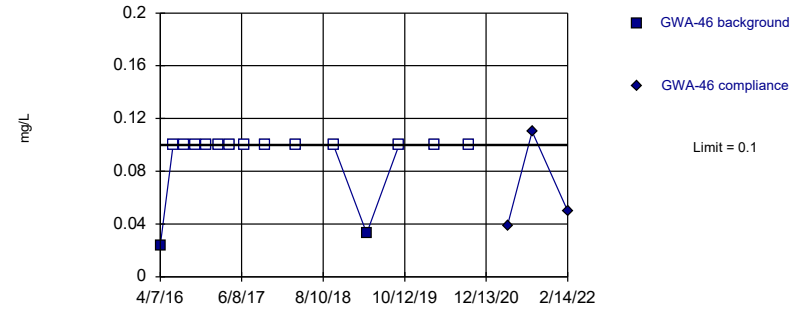


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 80% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Fluoride Analysis Run 4/7/2022 1:01 PM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

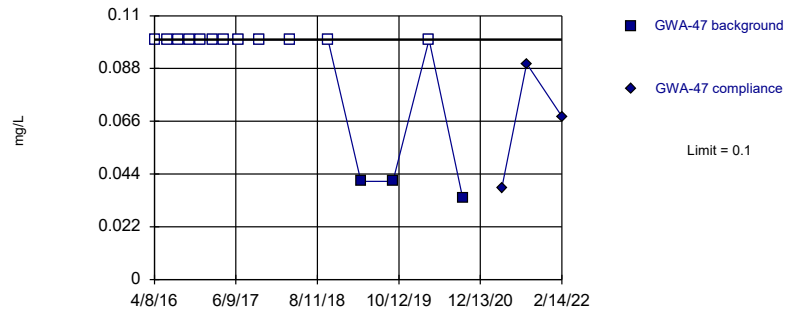


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 86.67% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Fluoride Analysis Run 4/7/2022 1:01 PM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

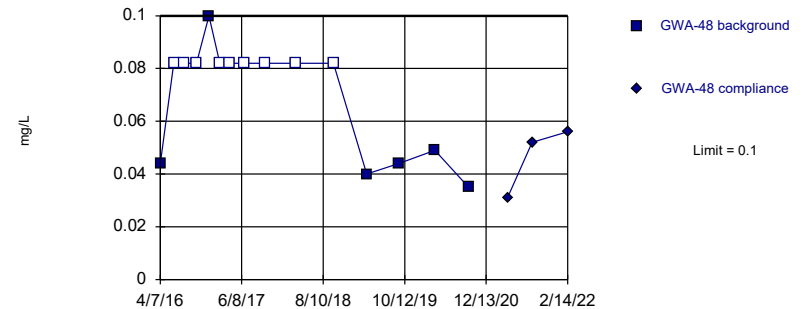


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 80% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Fluoride Analysis Run 4/7/2022 1:01 PM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

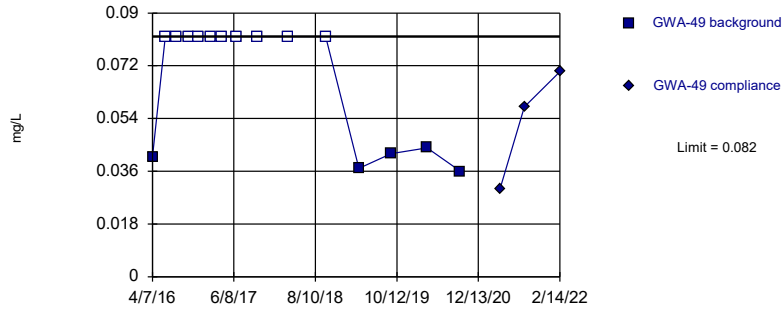


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 60% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Fluoride Analysis Run 4/7/2022 1:01 PM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

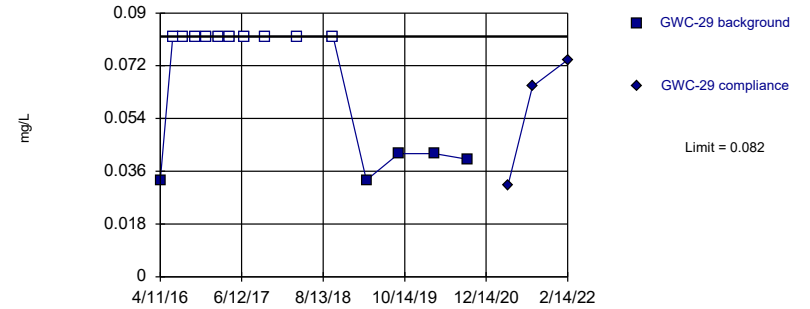


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 66.67% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Fluoride Analysis Run 4/7/2022 1:01 PM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

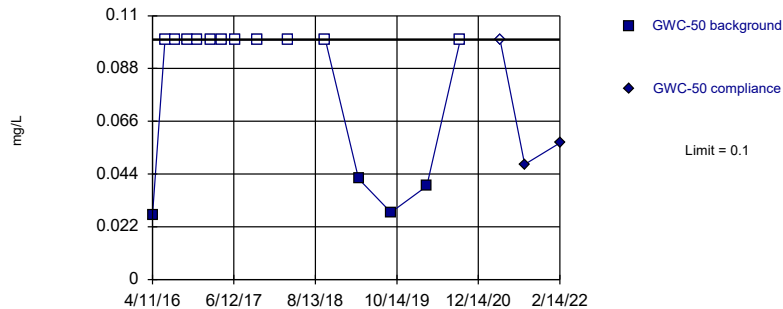


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 66.67% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Fluoride Analysis Run 4/7/2022 1:01 PM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

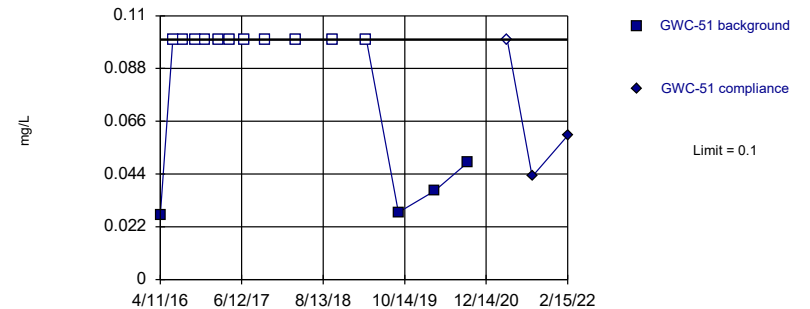


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 73.33% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Fluoride Analysis Run 4/7/2022 1:01 PM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

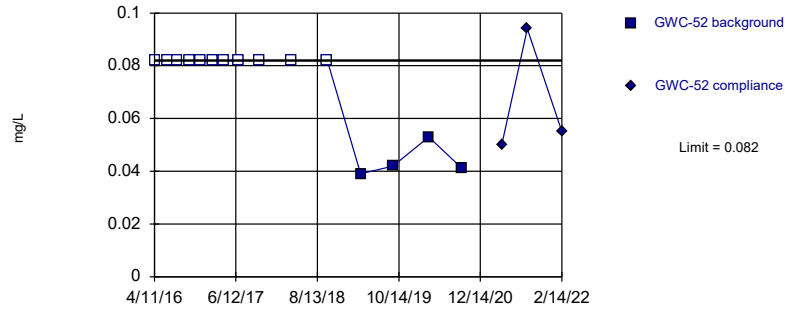


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 73.33% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Fluoride Analysis Run 4/7/2022 1:01 PM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

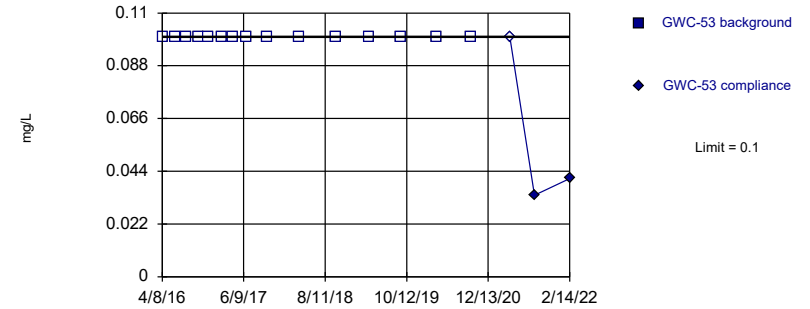


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 73.33% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Fluoride Analysis Run 4/7/2022 1:01 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

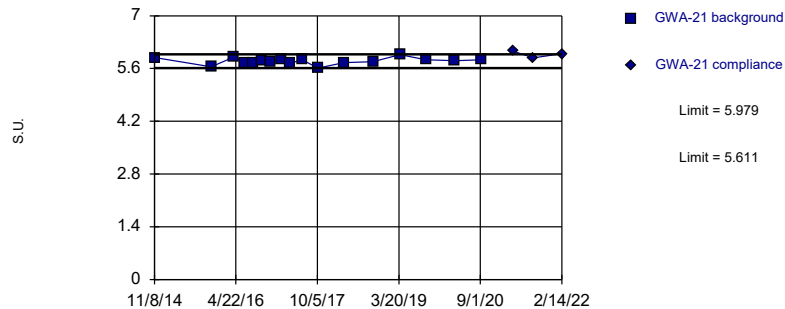


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 15) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Fluoride Analysis Run 4/7/2022 1:01 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Exceeds Limits

Prediction Limit
Intrawell Parametric

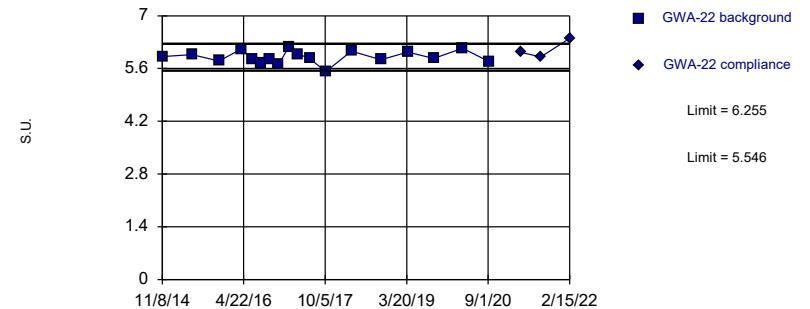


Background Data Summary: Mean=5.795, Std. Dev.=0.08654, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.961, critical = 0.851. Kappa = 2.127 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: pH Analysis Run 4/7/2022 1:01 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Exceeds Limits

Prediction Limit
Intrawell Parametric

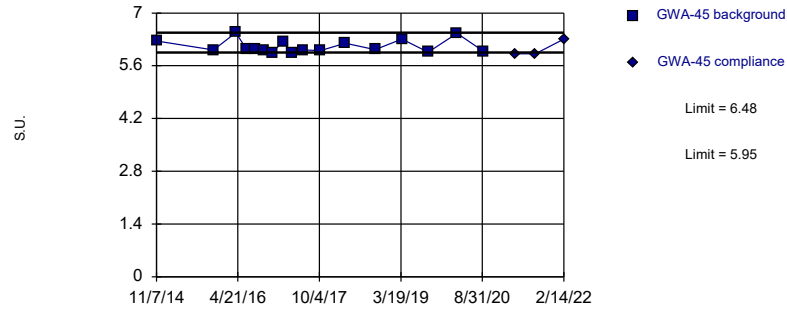


Background Data Summary: Mean=5.901, Std. Dev.=0.1685, n=18. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9693, critical = 0.858. Kappa = 2.104 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: pH Analysis Run 4/7/2022 1:01 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limits

Prediction Limit
Intrawell Non-parametric

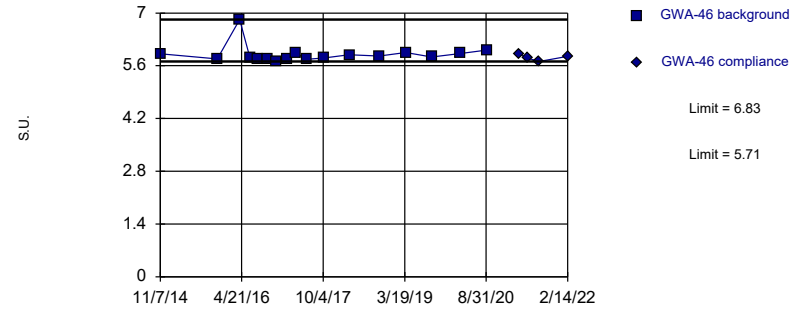


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 17 background values. Well-constituent pair annual alpha = 0.02359. Individual comparison alpha = 0.01183 (1 of 2).

Constituent: pH Analysis Run 4/7/2022 1:01 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limits

Prediction Limit
Intrawell Non-parametric

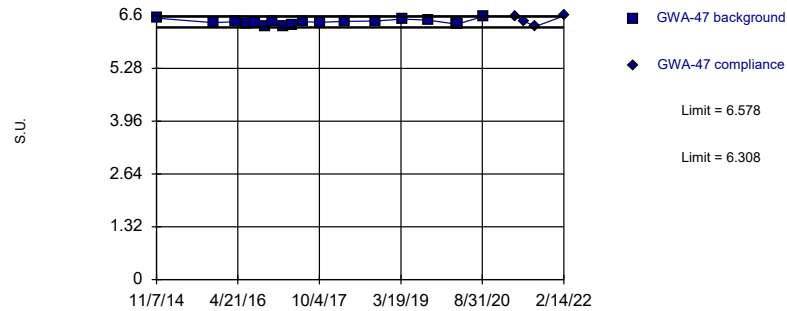


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 17 background values. Well-constituent pair annual alpha = 0.02359. Individual comparison alpha = 0.01183 (1 of 2).

Constituent: pH Analysis Run 4/7/2022 1:01 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Exceeds Limits

Prediction Limit
Intrawell Parametric

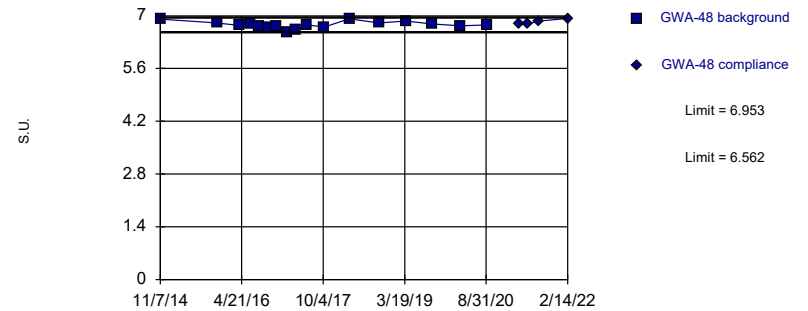


Background Data Summary: Mean=6.443, Std. Dev.=0.06488, n=19. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9705, critical = 0.863. Kappa = 2.081 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: pH Analysis Run 4/7/2022 1:01 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limits

Prediction Limit
Intrawell Parametric

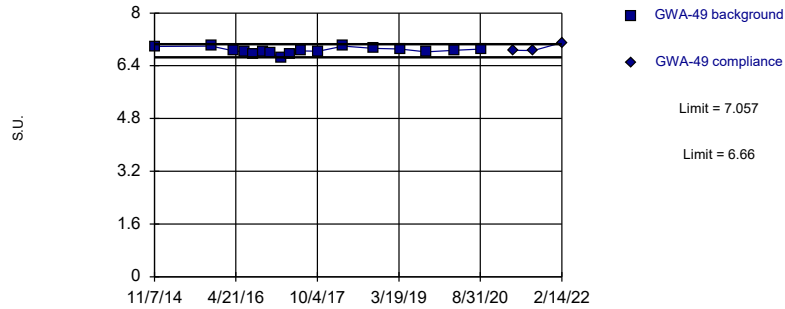


Background Data Summary: Mean=6.758, Std. Dev.=0.09196, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9653, critical = 0.851. Kappa = 2.127 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: pH Analysis Run 4/7/2022 1:01 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Exceeds Limits

Prediction Limit
Intrawell Parametric

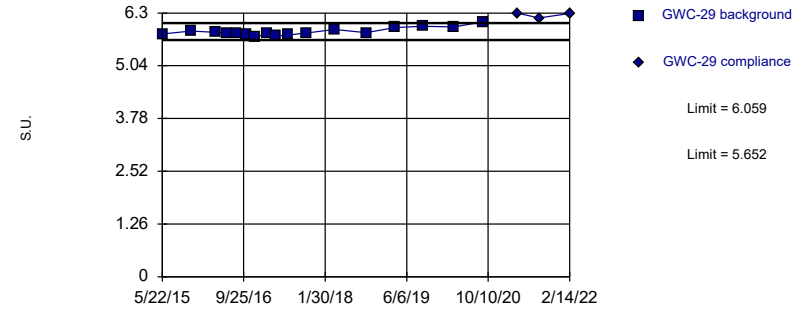


Background Data Summary: Mean=6.858, Std. Dev.=0.09329, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9581, critical = 0.851. Kappa = 2.127 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: pH Analysis Run 4/7/2022 1:01 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Exceeds Limits

Prediction Limit
Intrawell Parametric

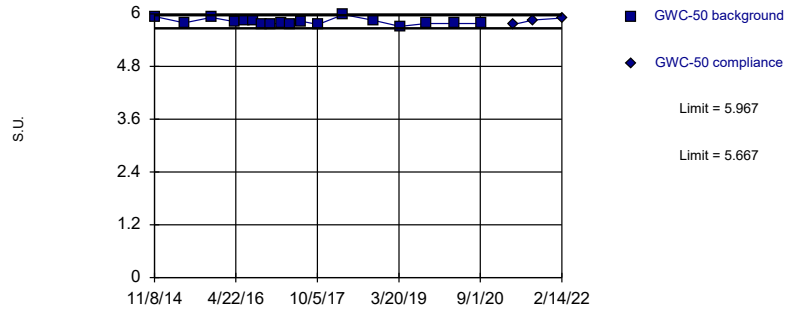


Background Data Summary: Mean=5.855, Std. Dev.=0.09566, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9167, critical = 0.851. Kappa = 2.127 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: pH Analysis Run 4/7/2022 1:01 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limits

Prediction Limit
Intrawell Parametric

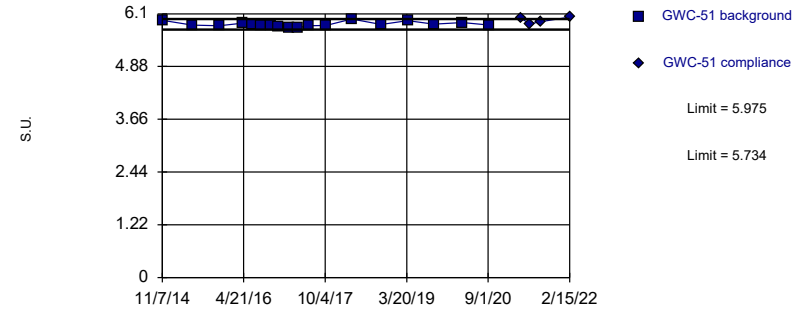


Background Data Summary: Mean=5.817, Std. Dev.=0.07136, n=18. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9175, critical = 0.858. Kappa = 2.104 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: pH Analysis Run 4/7/2022 1:01 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Exceeds Limits

Prediction Limit
Intrawell Parametric

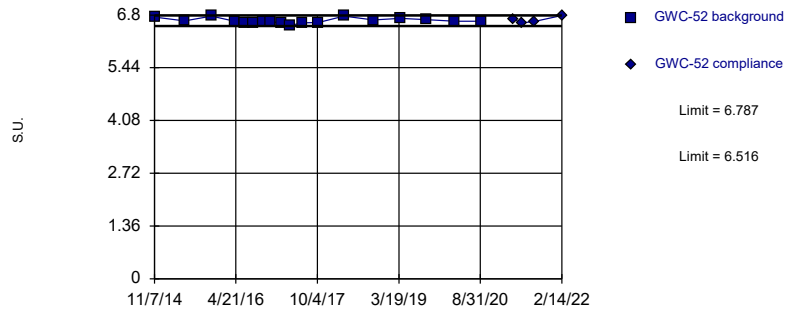


Background Data Summary: Mean=5.854, Std. Dev.=0.05721, n=18. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.93, critical = 0.858. Kappa = 2.104 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: pH Analysis Run 4/7/2022 1:01 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Exceeds Limits

Prediction Limit
Intrawell Parametric

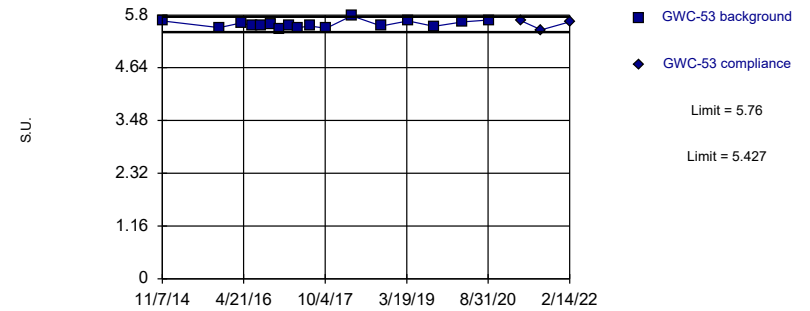


Background Data Summary: Mean=6.652, Std. Dev.=0.06447, n=18. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9303, critical = 0.858. Kappa = 2.104 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: pH Analysis Run 4/7/2022 1:01 PM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limits

Prediction Limit
Intrawell Parametric

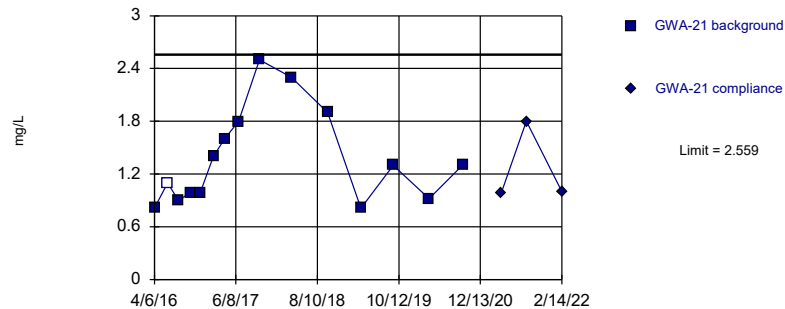


Background Data Summary: Mean=5.594, Std. Dev.=0.07834, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9342, critical = 0.851. Kappa = 2.127 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: pH Analysis Run 4/7/2022 1:01 PM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

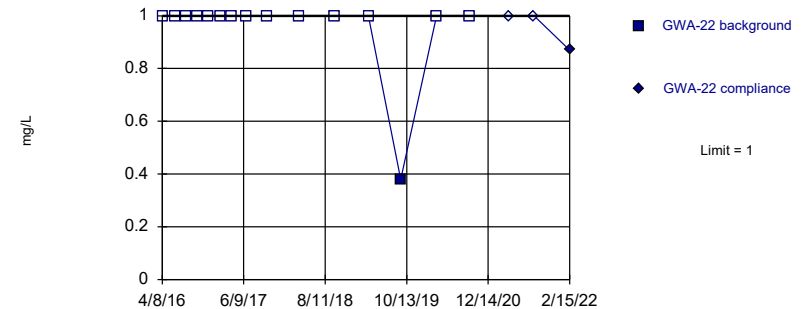


Background Data Summary: Mean=1.375, Std. Dev.=0.5398, n=15, 6.667% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8886, critical = 0.835. Kappa = 2.193 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Sulfate Analysis Run 4/7/2022 1:01 PM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

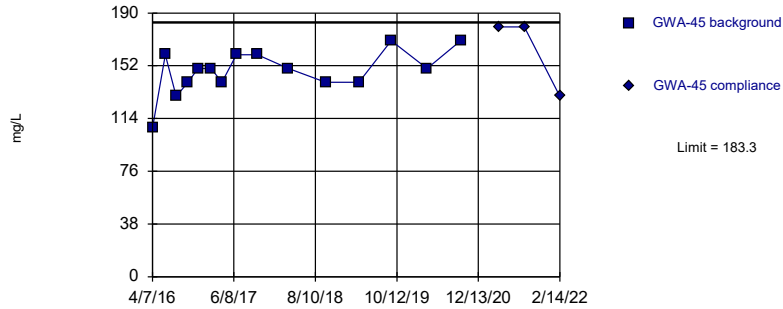


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 93.33% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Sulfate Analysis Run 4/7/2022 1:01 PM View: Appendix III - Intrawell
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

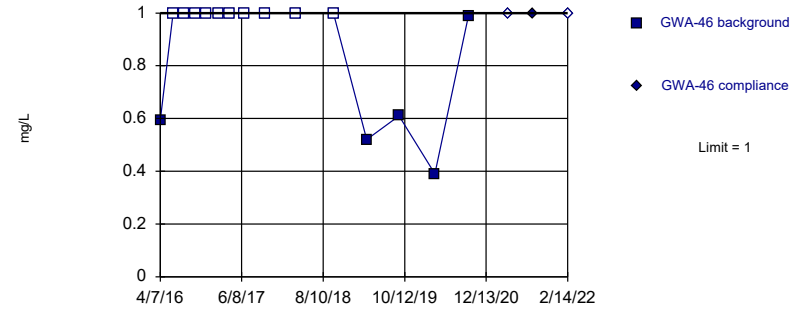


Background Data Summary: Mean=147.8, Std. Dev.=16.19, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9154, critical = 0.835. Kappa = 2.193 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Sulfate Analysis Run 4/7/2022 1:01 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

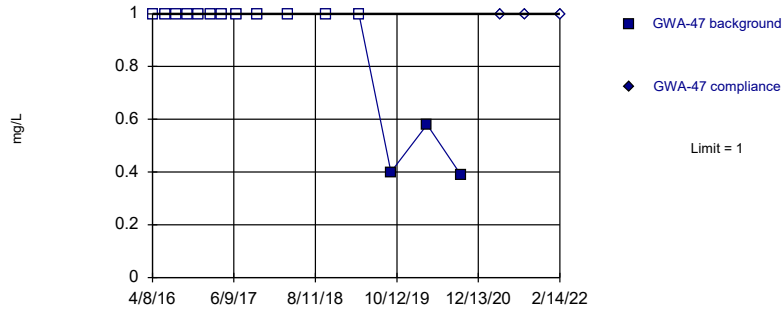


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 66.67% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Sulfate Analysis Run 4/7/2022 1:01 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

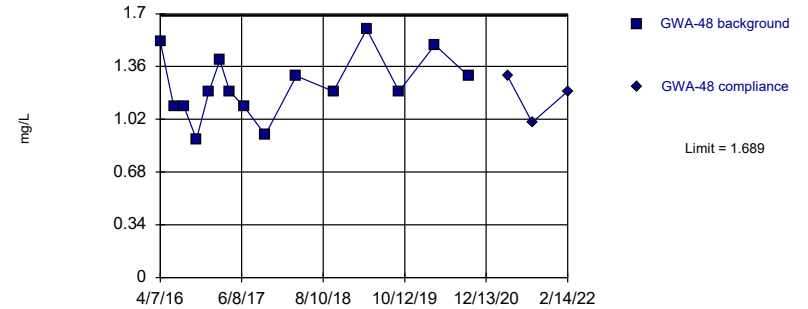


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 80% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Sulfate Analysis Run 4/7/2022 1:01 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

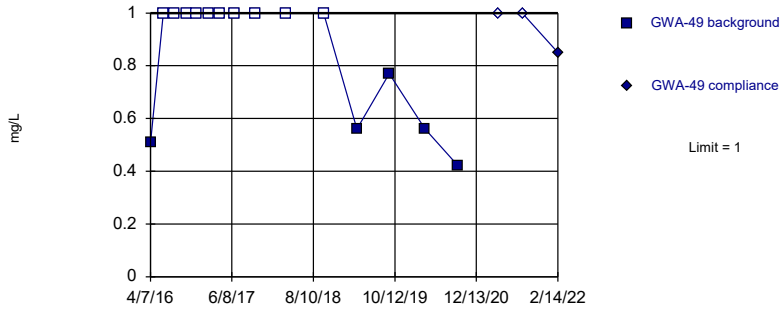


Background Data Summary: Mean=1.235, Std. Dev.=0.2069, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9553, critical = 0.835. Kappa = 2.193 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Sulfate Analysis Run 4/7/2022 1:01 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

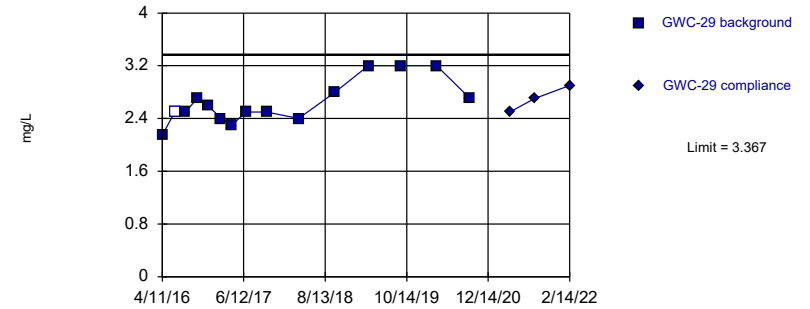


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 66.67% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Sulfate Analysis Run 4/7/2022 1:01 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

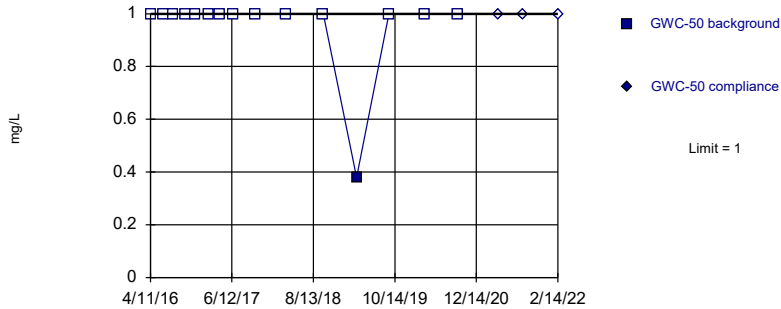


Background Data Summary: Mean=2.643, Std. Dev.=0.33, n=15, 6.667% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8858, critical = 0.835. Kappa = 2.193 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Sulfate Analysis Run 4/7/2022 1:02 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

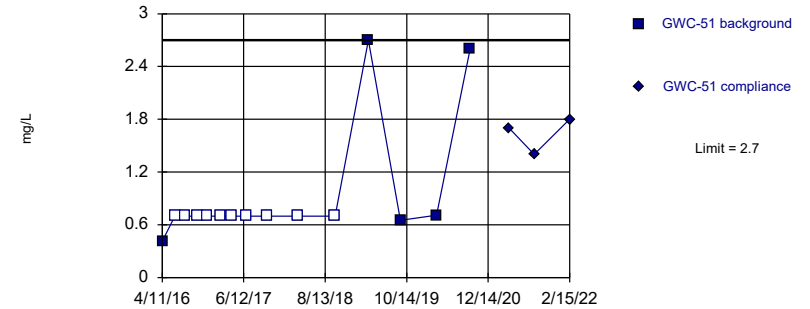


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 93.33% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Sulfate Analysis Run 4/7/2022 1:02 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

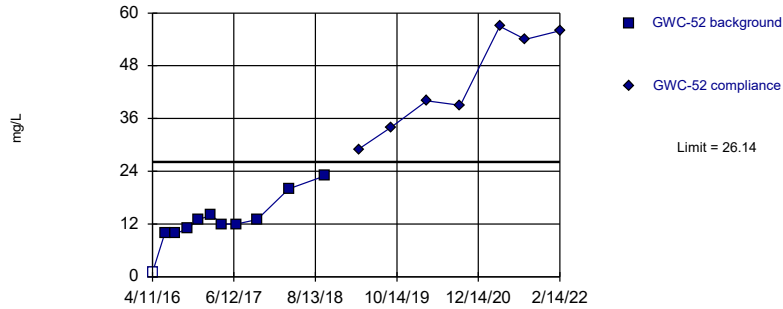


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 66.67% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Sulfate Analysis Run 4/7/2022 1:02 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Exceeds Limit

Prediction Limit
Intrawell Parametric

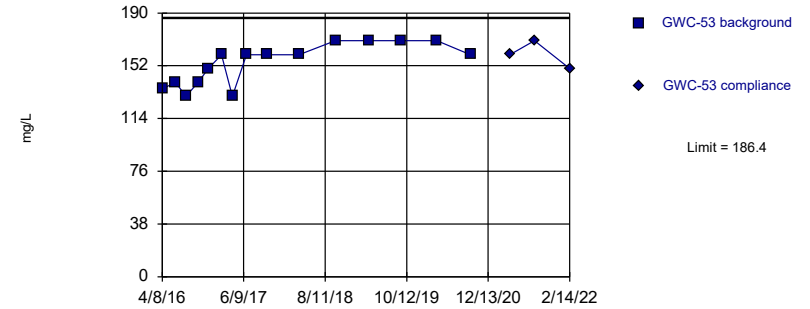


Background Data Summary: Mean=12.62, Std. Dev.=5.636, n=11, 9.091% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9059, critical = 0.792. Kappa = 2.4 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Sulfate Analysis Run 4/7/2022 1:02 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

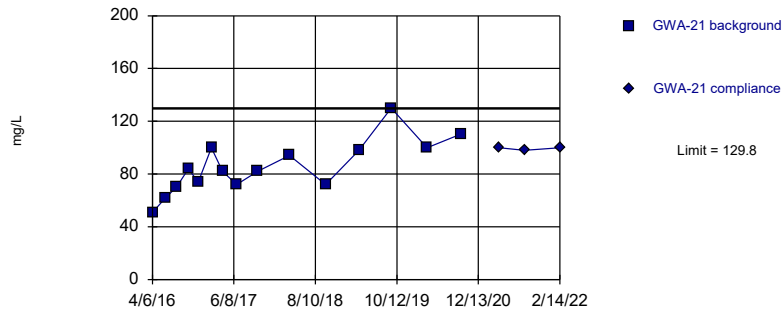


Background Data Summary: Mean=153.7, Std. Dev.=14.9, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.859, critical = 0.835. Kappa = 2.193 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Sulfate Analysis Run 4/7/2022 1:02 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

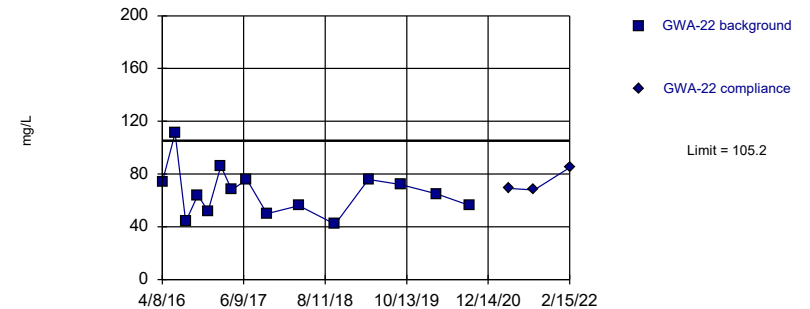


Background Data Summary: Mean=85.4, Std. Dev.=20.24, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9719, critical = 0.835. Kappa = 2.193 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Total Dissolved Solids Analysis Run 4/7/2022 1:02 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

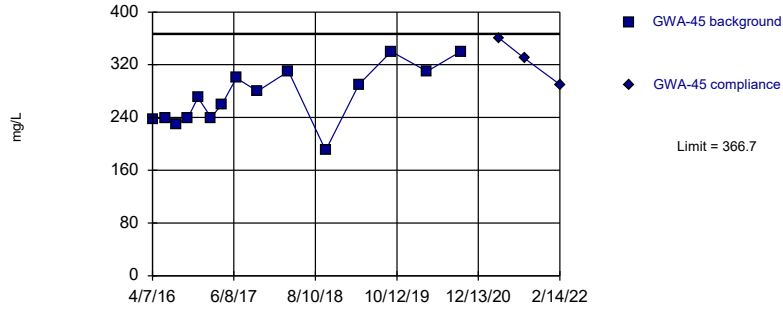


Background Data Summary: Mean=66.13, Std. Dev.=17.82, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9338, critical = 0.835. Kappa = 2.193 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Total Dissolved Solids Analysis Run 4/7/2022 1:02 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

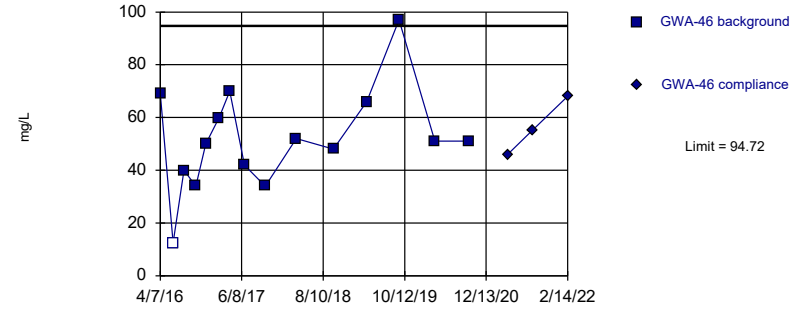


Background Data Summary: Mean=271.8, Std. Dev.=43.29, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9557, critical = 0.835. Kappa = 2.193 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Total Dissolved Solids Analysis Run 4/7/2022 1:02 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

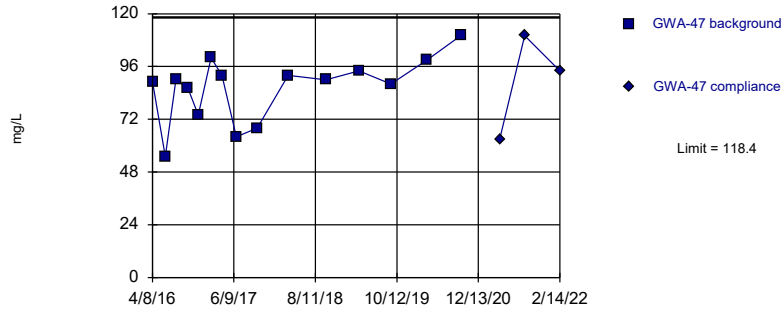


Background Data Summary: Mean=51.77, Std. Dev.=19.59, n=15, 6.667% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9615, critical = 0.835. Kappa = 2.193 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Total Dissolved Solids Analysis Run 4/7/2022 1:02 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

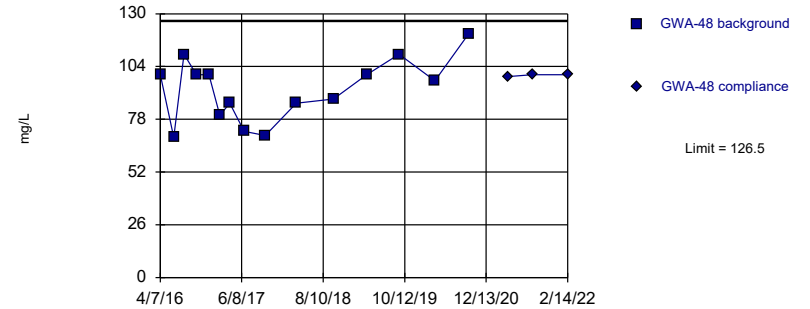


Background Data Summary: Mean=86.07, Std. Dev.=14.72, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9229, critical = 0.835. Kappa = 2.193 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Total Dissolved Solids Analysis Run 4/7/2022 1:02 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

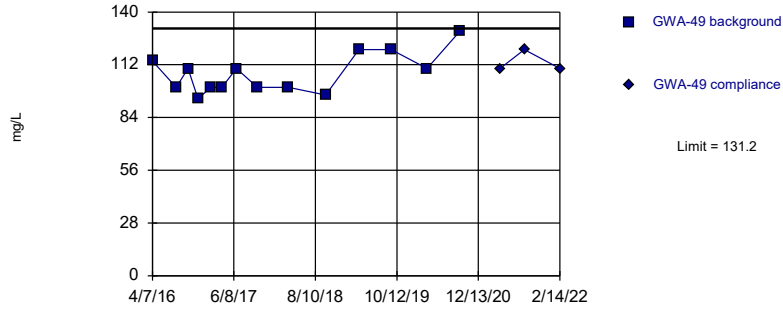


Background Data Summary: Mean=92.53, Std. Dev.=15.48, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9475, critical = 0.835. Kappa = 2.193 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Total Dissolved Solids Analysis Run 4/7/2022 1:02 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

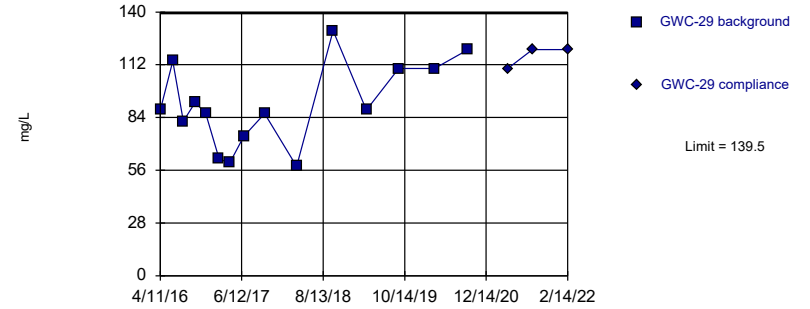


Background Data Summary: Mean=107.4, Std. Dev.=10.65, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9038, critical = 0.825. Kappa = 2.236 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Total Dissolved Solids Analysis Run 4/7/2022 1:02 PM View: Appendix III - Intrawell Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

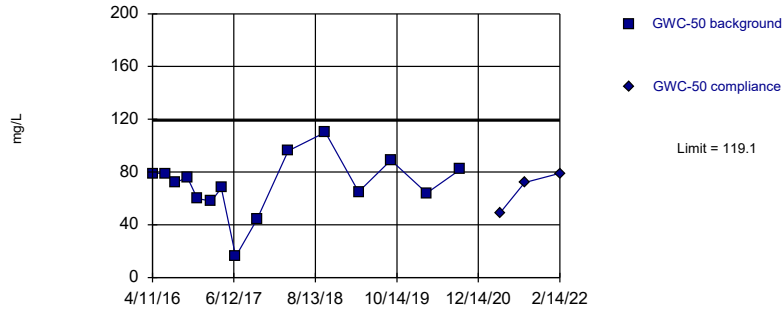


Background Data Summary: Mean=90.67, Std. Dev.=22.27, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9465, critical = 0.835. Kappa = 2.193 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Total Dissolved Solids Analysis Run 4/7/2022 1:02 PM View: Appendix III - Intrawell Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

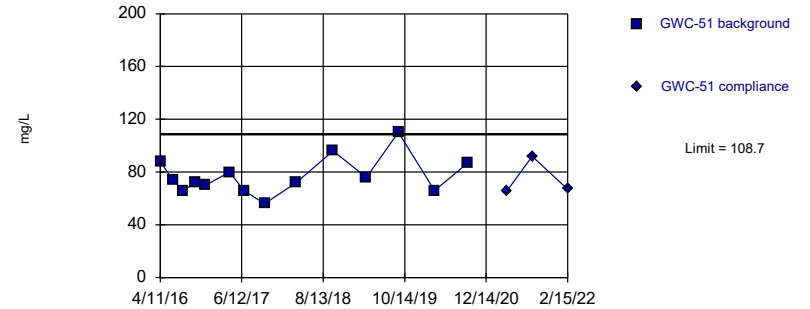


Background Data Summary: Mean=70.53, Std. Dev.=22.17, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9554, critical = 0.835. Kappa = 2.193 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Total Dissolved Solids Analysis Run 4/7/2022 1:02 PM View: Appendix III - Intrawell Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

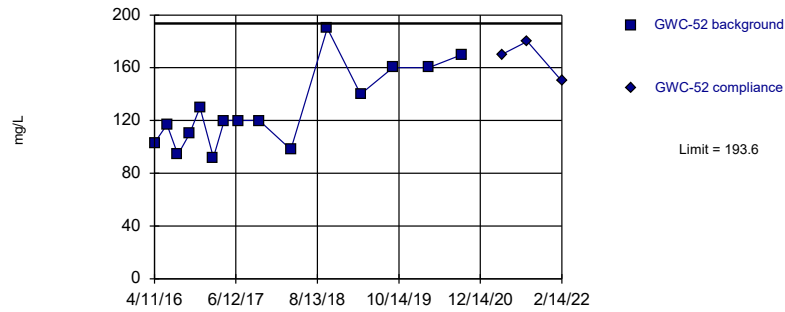


Background Data Summary: Mean=77.07, Std. Dev.=14.12, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9292, critical = 0.825. Kappa = 2.236 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Total Dissolved Solids Analysis Run 4/7/2022 1:02 PM View: Appendix III - Intrawell Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric

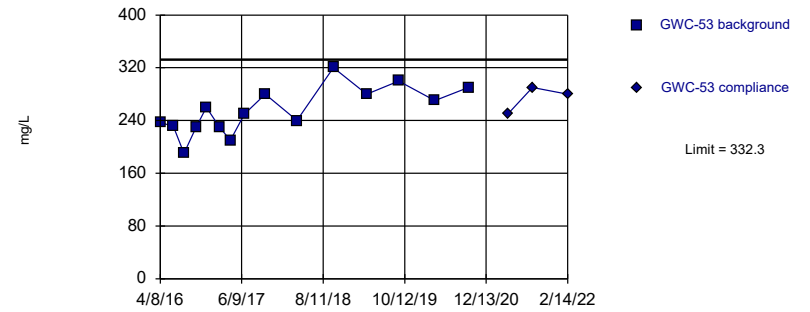


Background Data Summary: Mean=128.3, Std. Dev.=29.78, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9216, critical = 0.835. Kappa = 2.193 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Total Dissolved Solids Analysis Run 4/7/2022 1:02 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limit

Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=254.5, Std. Dev.=35.48, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9808, critical = 0.835. Kappa = 2.193 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Total Dissolved Solids Analysis Run 4/7/2022 1:02 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-48	GWA-48
4/7/2016	<0.08	
6/17/2016	<0.08	
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

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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 (D)	
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

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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	
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

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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	
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

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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	
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

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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 (D)	
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

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-45	GWA-45
4/7/2016	8.05	
6/14/2016	9.3	
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 (D)	
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

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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	
9/11/2020	1.6	
4/5/2021		1.8
8/13/2021		1.8
2/14/2022		1.5

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-48	GWA-48
4/7/2016	1.842	
6/17/2016	1.9	
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

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21	GWA-21
4/6/2016	0.035 (J)	
6/14/2016	<0.082	
8/10/2016	<0.082	
10/11/2016	<0.082	
12/2/2016	<0.082	
2/10/2017	<0.082	
4/10/2017	<0.082	
6/23/2017	<0.082	
10/9/2017	<0.082	
3/26/2018	<0.082	
10/3/2018	<0.082	
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)

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-22	GWA-22
4/8/2016	<0.082	
6/14/2016	<0.082	
8/9/2016	<0.082	
10/11/2016	<0.082	
12/5/2016	<0.082	
2/10/2017	<0.082	
4/7/2017	<0.082	
6/26/2017	<0.082	
10/9/2017	<0.082	
3/26/2018	<0.082 (D)	
10/3/2018	<0.082	
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)

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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 (D)	
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)

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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)

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-47	GWA-47
4/8/2016	<0.1	
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)

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-48	GWA-48
4/7/2016	0.044 (J)	
6/17/2016	<0.082	
8/10/2016	<0.082	
10/14/2016	<0.082	
12/19/2016	0.1 (J)	
2/13/2017	<0.082	
4/7/2017	<0.082	
6/22/2017	<0.082	
10/10/2017	<0.082	
3/23/2018	<0.082	
10/3/2018	<0.082	
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)

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-49	GWA-49
4/7/2016	0.041 (J)	
6/14/2016	<0.082	
8/9/2016	<0.082	
10/11/2016	<0.082	
12/2/2016	<0.082	
2/9/2017	<0.082	
4/7/2017	<0.082	
6/22/2017	<0.082	
10/10/2017	<0.082	
3/22/2018	<0.082	
10/3/2018	<0.082	
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)

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-29
4/11/2016	0.033 (J)	
6/15/2016	<0.082	
8/10/2016	<0.082	
10/11/2016	<0.082	
12/5/2016	<0.082	
2/13/2017	<0.082	
4/10/2017	<0.082	
6/23/2017	<0.082	
10/10/2017	<0.082	
3/26/2018	<0.082	
10/4/2018	<0.082	
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 (J)
2/14/2022		0.074 (J)

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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)

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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)

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-52	GWC-52
4/11/2016	<0.082	
6/16/2016	<0.082	
8/11/2016	<0.082	
10/13/2016	<0.082	
12/5/2016	<0.082	
2/13/2017	<0.082	
4/11/2017	<0.082	
6/24/2017	<0.082	
10/11/2017	<0.082	
3/26/2018	<0.082	
10/4/2018	<0.082	
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 (J)
2/14/2022		0.055 (J)

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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)

Prediction Limit

Constituent: pH (S.U.) Analysis Run 4/7/2022 1:06 PM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21	GWA-21
11/8/2014	5.89	
11/13/2015	5.65	
4/6/2016	5.9 (D)	
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	
6/26/2017	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

Prediction Limit

Constituent: pH (S.U.) Analysis Run 4/7/2022 1:06 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-22	GWA-22
11/8/2014	5.92	
5/21/2015	5.97	
11/13/2015	5.8	
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

Prediction Limit

Constituent: pH (S.U.) Analysis Run 4/7/2022 1:06 PM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-45	GWA-45
11/7/2014	6.26	
11/13/2015	6.02	
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

Prediction Limit

Constituent: pH (S.U.) Analysis Run 4/7/2022 1:06 PM View: Appendix III - Inrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-46	GWA-46
11/7/2014	5.92	
11/13/2015	5.78	
4/7/2016	6.83	
6/14/2016	5.82	
8/1/2016	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

Prediction Limit

Constituent: pH (S.U.) Analysis Run 4/7/2022 1:06 PM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-47	GWA-47
11/7/2014	6.54	
11/12/2015	6.43	
4/7/2016	6.45 (D)	
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

Prediction Limit

Constituent: pH (S.U.) Analysis Run 4/7/2022 1:06 PM View: Appendix III - Inrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-48	GWA-48
11/7/2014	6.91	
11/12/2015	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

Prediction Limit

Constituent: pH (S.U.) Analysis Run 4/7/2022 1:06 PM View: Appendix III - Inrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-49	GWA-49
11/7/2014	6.99	
11/12/2015	7	
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

Prediction Limit

Constituent: pH (S.U.) Analysis Run 4/7/2022 1:06 PM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29	GWC-29
5/22/2015	5.8	
11/13/2015	5.87	
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

Prediction Limit

Constituent: pH (S.U.) Analysis Run 4/7/2022 1:06 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-50	GWC-50
11/8/2014	5.94	
5/22/2015	5.79	
11/13/2015	5.92	
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

Prediction Limit

Constituent: pH (S.U.) Analysis Run 4/7/2022 1:06 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-51	GWC-51
11/7/2014	5.95	
5/22/2015	5.84	
5/25/2015	8.36 (o)	
11/13/2015	5.82	
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

Prediction Limit

Constituent: pH (S.U.) Analysis Run 4/7/2022 1:06 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-52	GWC-52
11/7/2014	6.75	
5/22/2015	6.65	
5/25/2015	7.63 (o)	
11/13/2015	6.77	
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

Prediction Limit

Constituent: pH (S.U.) Analysis Run 4/7/2022 1:06 PM View: Appendix III - Intravel
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-53	GWC-53
11/7/2014	5.67	
5/25/2015	7.725 (oD)	
11/13/2015	5.52	
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

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-22	GWA-22
4/8/2016	<1	
6/14/2016	<1	
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 (D)	
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)

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-45	GWA-45
4/7/2016	107.095	
6/14/2016	160	
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 (D)	
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

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-46	GWA-46
4/7/2016	0.594 (J)	
6/14/2016	<1	
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

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-47	GWA-47
4/8/2016	<1	
6/14/2016	<1	
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

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-48	GWA-48
4/7/2016	1.522	
6/17/2016	1.1	
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

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-49	GWA-49
4/7/2016	0.507 (J)	
6/14/2016	<1	
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)

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-50	GWC-50
4/11/2016	<1	
6/15/2016	<1	
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

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-51	GWC-51
4/11/2016	0.415 (J)	
6/16/2016	<0.7	
8/10/2016	<0.7	
10/13/2016	<0.7	
12/5/2016	<0.7	
2/13/2017	<0.7	
4/10/2017	<0.7	
6/23/2017	<0.7	
10/11/2017	<0.7	
3/26/2018	<0.7	
10/4/2018	<0.7	
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

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-52	GWC-52
4/11/2016	<1	
6/16/2016	10	
8/11/2016	9.8	
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
8/17/2021		54
2/14/2022		56

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - IntraWell
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - IntraWell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - IntraWell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - IntraWell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - IntraWell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - IntraWell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - IntraWell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - IntraWell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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 (J)	
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

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - IntraWell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - IntraWell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - IntraWell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 4/7/2022 1:06 PM View: Appendix III - IntraWell

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	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

FIGURE H.

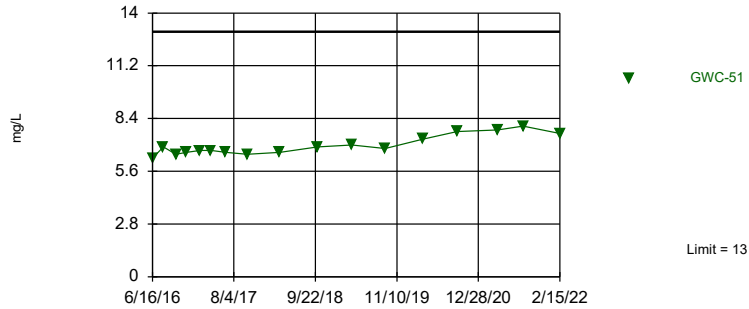
Appendix III Interwell Prediction Limits - Two-Step - All Results (No Significant)

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 4/7/2022, 1:09 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method
Chloride (mg/L)	GWC-51	13	n/a	2/15/2022	7.6	No	125	n/a	n/a	0	n/a	n/a	0.0001262 NP Inter (normality) 1 of 2
pH (S.U.)	GWC-29	7.1	5.52	2/14/2022	6.29	No	146	n/a	n/a	0	n/a	n/a	0.0001855 NP Inter (normality) 1 of 2
pH (S.U.)	GWC-51	7.1	5.52	2/15/2022	6.02	No	146	n/a	n/a	0	n/a	n/a	0.0001855 NP Inter (normality) 1 of 2
pH (S.U.)	GWC-52	7.1	5.52	2/14/2022	6.79	No	146	n/a	n/a	0	n/a	n/a	0.0001855 NP Inter (normality) 1 of 2
Sulfate (mg/L)	GWC-52	180	n/a	2/14/2022	56	No	126	n/a	n/a	44.44	n/a	n/a	0.0001245 NP Inter (normality) 1 of 2

Within Limit

Prediction Limit
Interwell Non-parametric

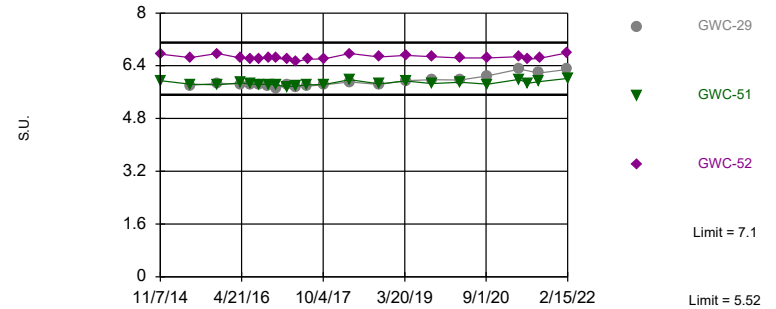


Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 125 background values. Annual per-constituent alpha = 0.001262. Individual comparison alpha = 0.0001262 (1 of 2). Assumes 4 future values.

Constituent: Chloride Analysis Run 4/7/2022 1:08 PM View: Appendix III - Two-Step
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Within Limits

Prediction Limit
Interwell Non-parametric

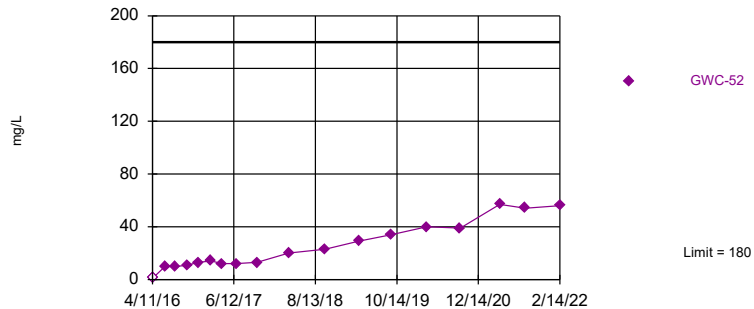


Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 146 background values. Annual per-constituent alpha = 0.001854. Individual comparison alpha = 0.0001855 (1 of 2). Comparing 3 points to limit. Assumes 2 future values.

Constituent: pH Analysis Run 4/7/2022 1:08 PM View: Appendix III - Two-Step
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

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 126 background values. 44.44% NDs. Annual per-constituent alpha = 0.001244. Individual comparison alpha = 0.0001245 (1 of 2). Assumes 4 future values.

Constituent: Sulfate Analysis Run 4/7/2022 1:08 PM View: Appendix III - Two-Step
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/7/2022 1:09 PM View: Appendix III - Two-Step
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-49 (bg)	GWA-48 (bg)	GWA-46 (bg)	GWA-45 (bg)	GWA-47 (bg)	GWA-22 (bg)	GWC-51
4/6/2016	3.034							
4/7/2016		2.285	1.842	2.914	8.05			
4/8/2016						1.57	2.1	
4/11/2016								2.09 (O)
6/14/2016	3.1	2.3		3.1	9.3	1.7	4.2	
6/16/2016								6.3
6/17/2016			1.9					
8/9/2016		2.3		3.2	10	1.5	5	
8/10/2016	2.7		1.8					6.9
10/10/2016				3	10			
10/11/2016	2.7	2.1				1.6	3.8	
10/13/2016								6.5
10/14/2016			1.7					
12/2/2016	2.5	2		3	10			
12/5/2016						1.5	3.6	6.6
12/19/2016			2.7 (O)					
2/9/2017		2.1			9.4			
2/10/2017	3.4			2.7		1.5	2.2	
2/13/2017			1.8					6.7
4/7/2017		2	1.7	2.9	9.9	1.4	2.2	
4/10/2017	3.6							6.7
6/22/2017		2	1.7			9.7	1.4	
6/23/2017	3.2			3.3				6.6
6/26/2017							3.4	
10/9/2017	3.5						3.4	
10/10/2017		2	1.6	3.5	9.8	1.4		
10/11/2017								6.5
3/22/2018		1.9			9.7 (D)	1.3		
3/23/2018			1.6	3.6				
3/26/2018	3.8						1.9 (D)	6.6
10/3/2018	4	2	1.6		10		2.9	
10/4/2018				3.9				6.9
10/5/2018						1.4		
3/27/2019	2.9	1.9	1.5	3.7	9.6	1.2	2	7
9/12/2019	3.4	1.9	1.7	4.3	10	1.4	2.5	6.8
3/19/2020	3.9	2.2	1.9	4.5	9.9		2.2	7.3
3/20/2020						1.7		
9/10/2020	3.7	2.1					2.5	
9/11/2020			1.8	4.7	12	1.6		7.7
4/2/2021	3.7				13		1.8	
4/5/2021			2	5.3		1.8		7.8
4/6/2021		2.1						
8/12/2021	4.1	2.2	1.8	5.5	13		2.7	
8/13/2021						1.8		8
2/14/2022	4	2	1.8	5	10	1.5		
2/15/2022							1.8	7.6

Prediction Limit

Constituent: pH (S.U.) Analysis Run 4/7/2022 1:09 PM View: Appendix III - Two-Step

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-47 (bg)	GWC-52	GWA-46 (bg)	GWA-48 (bg)	GWA-45 (bg)	GWC-51	GWA-49 (bg)	GWA-21 (bg)	GWA-22 (bg)
11/7/2014	6.54	6.75	5.92	6.91	6.26	5.95	6.99		
11/8/2014								5.89	5.92
5/21/2015									5.97
5/22/2015		6.65				5.84			
5/25/2015		7.63 (o)				8.36 (o)			
11/12/2015	6.43			6.81			7		
11/13/2015		6.77	5.78		6.02	5.82		5.65	5.8
4/6/2016								5.9 (D)	
4/7/2016	6.45 (D)		6.83	6.74	6.48		6.85		
4/8/2016	6.45								6.12
4/11/2016		6.64				5.88			
6/14/2016	6.4		5.82		6.05		6.83	5.75	5.84
6/15/2016									
6/16/2016		6.6				5.85			
6/17/2016				6.78					
8/1/2016			5.78						
8/9/2016	6.43				6.05		6.77		5.75
8/10/2016				6.73		5.83		5.75	
8/11/2016		6.61							
10/10/2016			5.78		6.02				
10/11/2016	6.34						6.83	5.8	5.84
10/13/2016		6.64				5.84			
10/14/2016				6.7					
12/2/2016			5.71		5.95		6.79	5.78	
12/5/2016	6.46	6.63		6.71		5.81			5.7
2/9/2017					6.24		6.65		
2/10/2017	6.33		5.79					5.83	6.17
2/13/2017		6.59		6.56		5.76			
4/7/2017	6.38		5.93	6.62	5.95		6.75		5.99
4/10/2017						5.78		5.74	
4/11/2017		6.53							
6/22/2017	6.45			6.76	6.02		6.85		
6/23/2017			5.77			5.82			
6/26/2017		6.6						5.83	5.87
10/9/2017								5.61	5.52
10/10/2017	6.44		5.81	6.7	6		6.84		
10/11/2017		6.61				5.83			
3/22/2018	6.46				6.2		7		
3/23/2018			5.89	6.92					
3/26/2018		6.77				5.98		5.76	6.06
10/3/2018				6.81	6.03		6.93	5.78	5.83
10/4/2018		6.67	5.86			5.85			
10/5/2018	6.47								
3/27/2019	6.52		5.95	6.86	6.31	5.94	6.91	5.97	6.04
3/28/2019		6.71							
9/12/2019	6.49	6.68	5.83	6.78		5.86	6.82	5.83	5.87
9/13/2019					5.96				
3/19/2020	6.39	6.64	5.93	6.73	6.46	5.9	6.87	5.81	6.14
3/20/2020	6.39								
9/10/2020							6.91	5.83	5.78
9/11/2020	6.59	6.64	6.02	6.76	5.98	5.84			
4/2/2021					5.92			6.06	6.03

Prediction Limit

Constituent: pH (S.U.) Analysis Run 4/7/2022 1:09 PM View: Appendix III - Two-Step
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-47 (bg)	GWC-52	GWA-46 (bg)	GWA-48 (bg)	GWA-45 (bg)	GWC-51	GWA-49 (bg)	GWA-21 (bg)	GWA-22 (bg)
4/5/2021	6.59	6.68	5.92	6.78		5.99			
4/6/2021							6.87		
6/1/2021	6.46		5.8	6.78					
6/2/2021		6.6				5.87			
8/12/2021			5.71	6.86	5.92		6.86	5.88	5.91
8/13/2021	6.33					5.92			
8/17/2021		6.63							
2/14/2022	6.6	6.79	5.85	6.93	6.31		7.1	5.99	
2/15/2022						6.02			6.4

Prediction Limit

Constituent: pH (S.U.) Analysis Run 4/7/2022 1:09 PM View: Appendix III - Two-Step
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWC-29
11/7/2014	
11/8/2014	
5/21/2015	
5/22/2015	5.8
5/25/2015	
11/12/2015	
11/13/2015	5.87
4/6/2016	
4/7/2016	
4/8/2016	
4/11/2016	5.84
6/14/2016	
6/15/2016	5.82
6/16/2016	
6/17/2016	
8/1/2016	
8/9/2016	
8/10/2016	5.82
8/11/2016	
10/10/2016	
10/11/2016	5.78
10/13/2016	
10/14/2016	
12/2/2016	
12/5/2016	5.72
2/9/2017	
2/10/2017	
2/13/2017	5.81
4/7/2017	
4/10/2017	5.75
4/11/2017	
6/22/2017	
6/23/2017	5.78
6/26/2017	
10/9/2017	
10/10/2017	5.82
10/11/2017	
3/22/2018	
3/23/2018	
3/26/2018	5.91
10/3/2018	
10/4/2018	5.83
10/5/2018	
3/27/2019	
3/28/2019	5.95
9/12/2019	5.98
9/13/2019	
3/19/2020	5.97
3/20/2020	
9/10/2020	6.09
9/11/2020	
4/2/2021	

Prediction Limit

Constituent: pH (S.U.) Analysis Run 4/7/2022 1:09 PM View: Appendix III - Two-Step
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

GWC-29

4/5/2021	
4/6/2021	6.3
6/1/2021	
6/2/2021	
8/12/2021	
8/13/2021	6.18
8/17/2021	
2/14/2022	6.29
2/15/2022	

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/7/2022 1:09 PM View: Appendix III - Two-Step

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

	GWA-21 (bg)	GWA-49 (bg)	GWA-45 (bg)	GWA-48 (bg)	GWA-46 (bg)	GWA-22 (bg)	GWA-47 (bg)	GWC-52
4/6/2016	0.813 (J)							
4/7/2016		0.507 (J)	107.095	1.522	0.594 (J)			
4/8/2016						<1	<1	
4/11/2016								<1
6/14/2016	<1	<1	160		<1	<1	<1	
6/16/2016								10
6/17/2016				1.1				
8/9/2016		<1	130		<1	<1	<1	
8/10/2016	0.9 (J)			1.1				
8/11/2016								9.8
10/10/2016			140		<1			
10/11/2016	0.99 (J)	<1				<1	<1	
10/13/2016								11
10/14/2016				0.89 (J)				
12/2/2016	0.99 (J)	<1	150		<1			
12/5/2016						<1	<1	13
12/19/2016				1.2				
2/9/2017		<1	150					
2/10/2017	1.4				<1	<1	<1	
2/13/2017				1.4				14
4/7/2017		<1	140	1.2	<1	<1	<1	
4/10/2017	1.6							
4/11/2017								12
6/22/2017		<1	160	1.1			<1	
6/23/2017	1.8				<1			
6/24/2017								12
6/26/2017						<1		
10/9/2017	2.5					<1		
10/10/2017		<1	160	0.92 (J)	<1		<1	
10/11/2017								13
3/22/2018		<1	150 (D)				<1	
3/23/2018				1.3	<1			
3/26/2018	2.3					<1 (D)		20
10/3/2018	1.9	<1	140	1.2		<1		
10/4/2018					<1			23
10/5/2018							<1	
3/27/2019	0.81 (J)	0.56 (J)	140	1.6	0.52 (J)	<1	<1	
3/28/2019								29
9/12/2019	1.3	0.77 (J)	170	1.2	0.61 (J)	0.38 (J)	0.4 (J)	34
3/19/2020	0.92 (J)	0.56 (J)	150	1.5	0.39 (J)	<1		40
3/20/2020							0.58 (J)	
9/10/2020	1.3	0.42 (J)				<1		
9/11/2020			170	1.3	0.99 (J)		0.39 (J)	39
4/2/2021	0.99 (J)		180			<1		
4/5/2021				1.3	<1		<1	57
4/6/2021		<1						
8/12/2021	1.8	<1	180	1	1	<1		
8/13/2021							<1	
8/17/2021								54
2/14/2022	1	0.85 (J)	130	1.2	<1		<1	56
2/15/2022						0.87 (J)		

FIGURE I.

Appendix III Trend Tests - Significant Results

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 4/7/2022, 1:11 PM

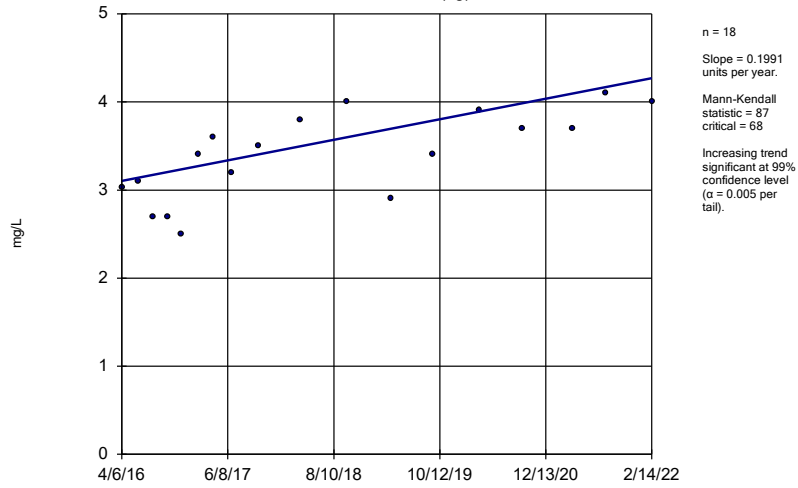
Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Chloride (mg/L)	GWA-21 (bg)	0.1991	87	68	Yes	18	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-46 (bg)	0.4321	118	68	Yes	18	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWC-51	0.2283	88	63	Yes	17	0	n/a	n/a	0.01	NP
pH (S.U.)	GWC-29	0.06442	104	81	Yes	20	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWC-52	8.594	133	68	Yes	18	5.556	n/a	n/a	0.01	NP

Appendix III Trend Tests - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC-CCR Printed 4/7/2022, 1:11 PM

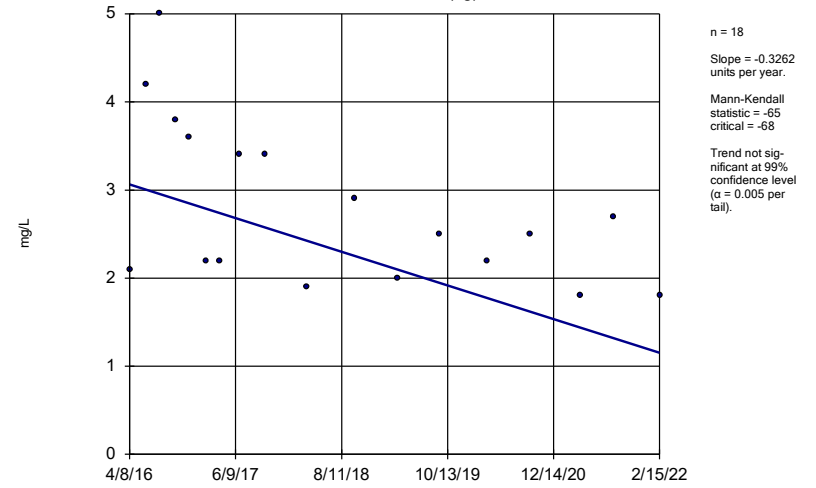
Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Chloride (mg/L)	GWA-21 (bg)	0.1991	87	68	Yes	18	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-22 (bg)	-0.3262	-65	-68	No	18	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-45 (bg)	0.226	65	68	No	18	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-46 (bg)	0.4321	118	68	Yes	18	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-47 (bg)	0	-2	-68	No	18	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-48 (bg)	0	-6	-63	No	17	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-49 (bg)	-0.02152	-37	-68	No	18	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWC-51	0.2283	88	63	Yes	17	0	n/a	n/a	0.01	NP
pH (S.U.)	GWA-21 (bg)	0.02491	64	81	No	20	0	n/a	n/a	0.01	NP
pH (S.U.)	GWA-22 (bg)	0.01999	32	87	No	21	0	n/a	n/a	0.01	NP
pH (S.U.)	GWA-45 (bg)	-0.01606	-35	-81	No	20	0	n/a	n/a	0.01	NP
pH (S.U.)	GWA-46 (bg)	0.004797	20	87	No	21	0	n/a	n/a	0.01	NP
pH (S.U.)	GWA-47 (bg)	0.01159	51	98	No	23	0	n/a	n/a	0.01	NP
pH (S.U.)	GWA-48 (bg)	0.01057	39	87	No	21	0	n/a	n/a	0.01	NP
pH (S.U.)	GWA-49 (bg)	0.008754	31	81	No	20	0	n/a	n/a	0.01	NP
pH (S.U.)	GWC-29	0.06442	104	81	Yes	20	0	n/a	n/a	0.01	NP
pH (S.U.)	GWC-51	0.01242	71	92	No	22	0	n/a	n/a	0.01	NP
pH (S.U.)	GWC-52	0	8	92	No	22	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-21 (bg)	0.04606	26	68	No	18	5.556	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-22 (bg)	0	-23	-68	No	18	88.89	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-45 (bg)	5.294	53	68	No	18	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-46 (bg)	0	-13	-68	No	18	66.67	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-47 (bg)	0	-28	-68	No	18	83.33	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-48 (bg)	0.01765	17	68	No	18	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-49 (bg)	0	-28	-68	No	18	66.67	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWC-52	8.594	133	68	Yes	18	5.556	n/a	n/a	0.01	NP

Sen's Slope Estimator
GWA-21 (bg)



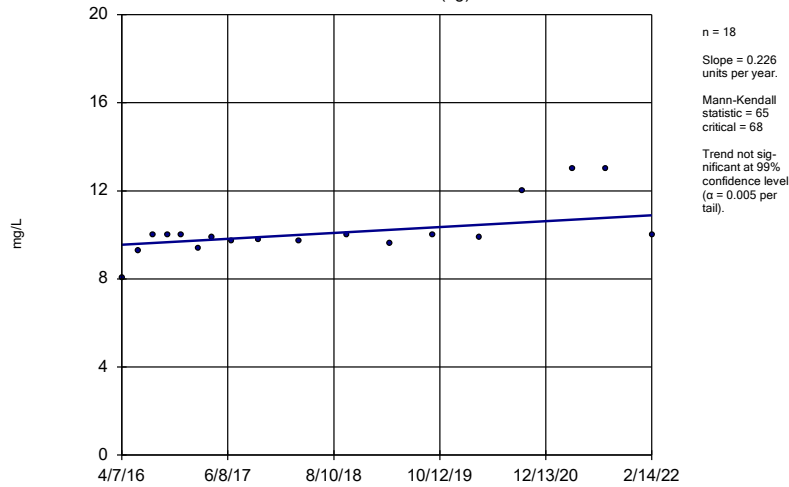
Constituent: Chloride Analysis Run 4/7/2022 1:09 PM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator
GWA-22 (bg)



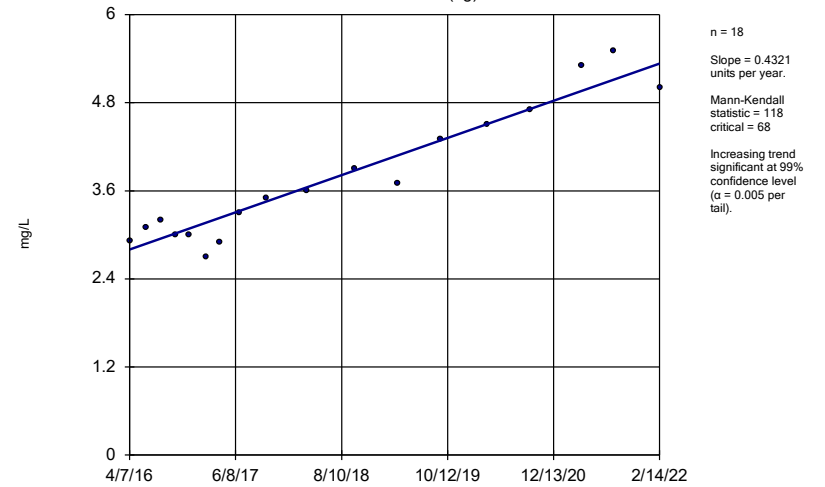
Constituent: Chloride Analysis Run 4/7/2022 1:09 PM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator
GWA-45 (bg)



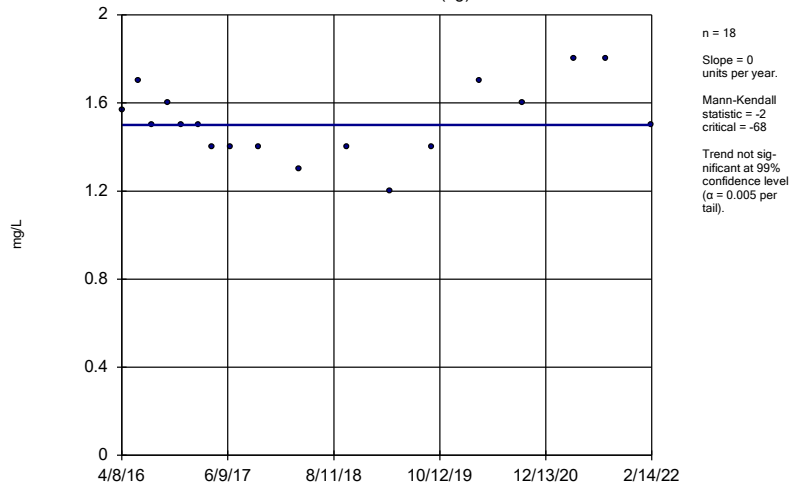
Constituent: Chloride Analysis Run 4/7/2022 1:09 PM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator
GWA-46 (bg)



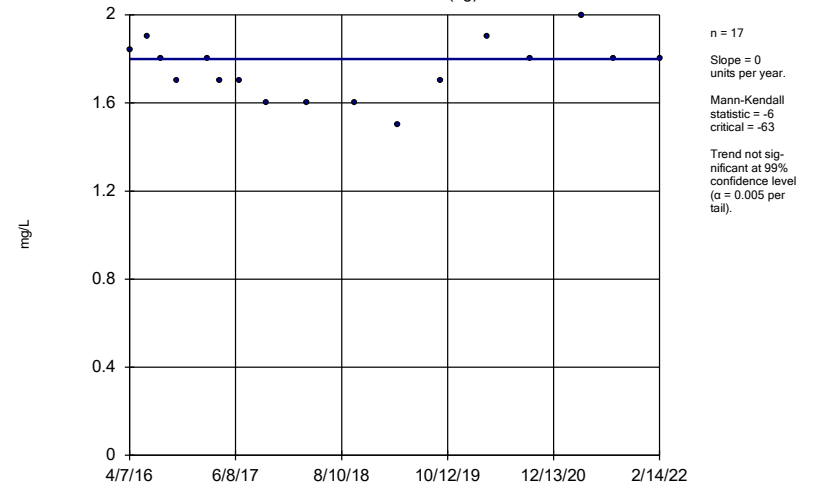
Constituent: Chloride Analysis Run 4/7/2022 1:09 PM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator
GWA-47 (bg)



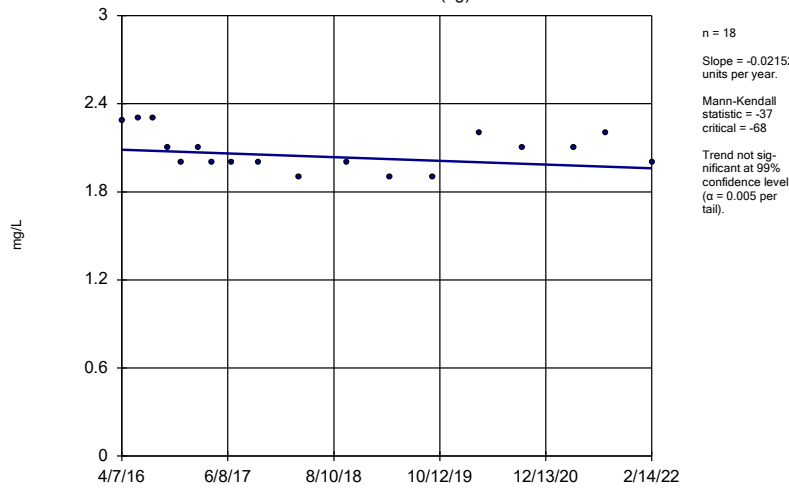
Constituent: Chloride Analysis Run 4/7/2022 1:09 PM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator
GWA-48 (bg)



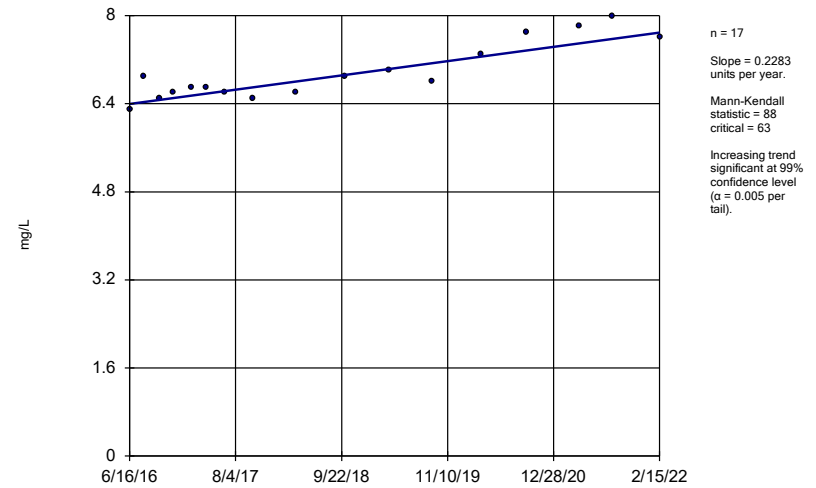
Constituent: Chloride Analysis Run 4/7/2022 1:10 PM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator
GWA-49 (bg)



Constituent: Chloride Analysis Run 4/7/2022 1:10 PM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

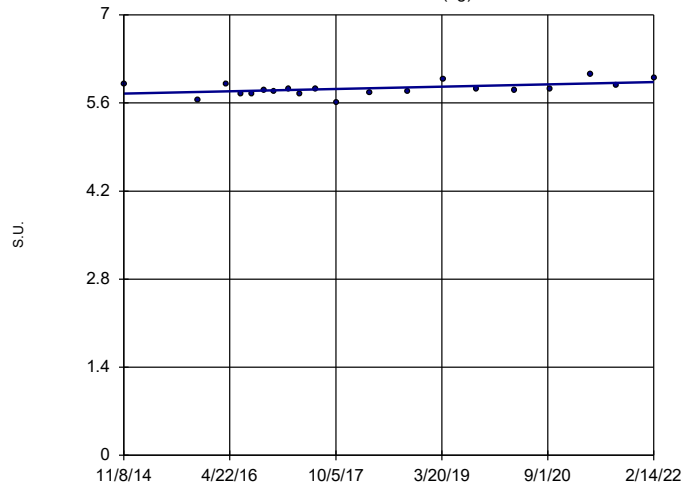
Sen's Slope Estimator
GWC-51



Constituent: Chloride Analysis Run 4/7/2022 1:10 PM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

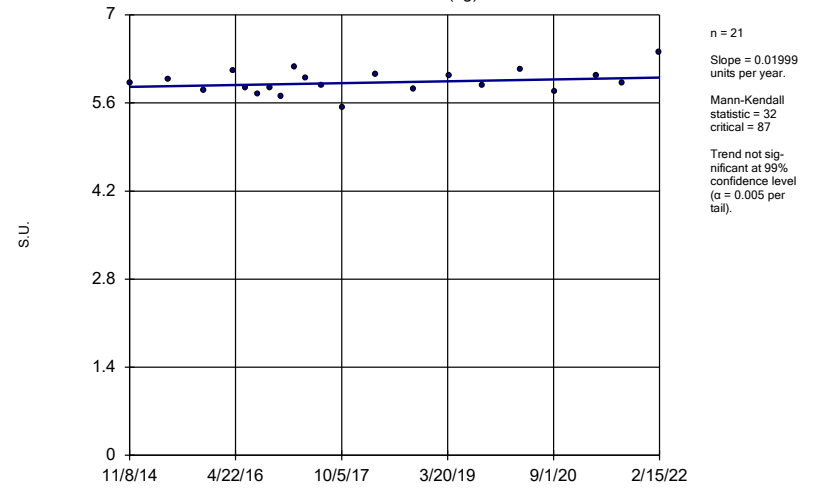
GWA-21 (bg)



Constituent: pH Analysis Run 4/7/2022 1:10 PM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

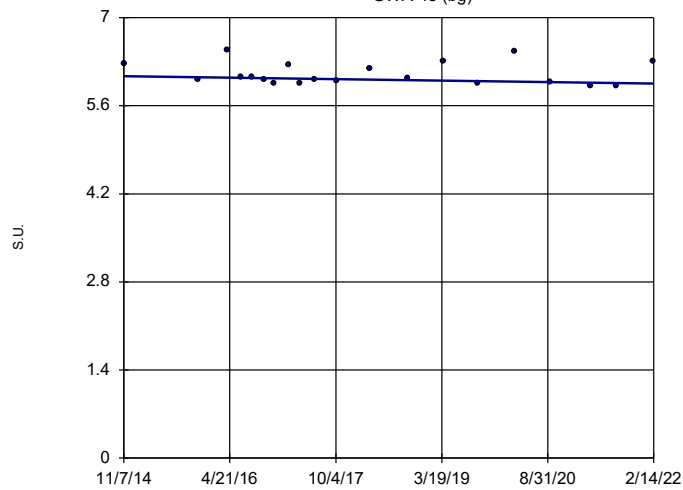
GWA-22 (bg)



Constituent: pH Analysis Run 4/7/2022 1:10 PM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

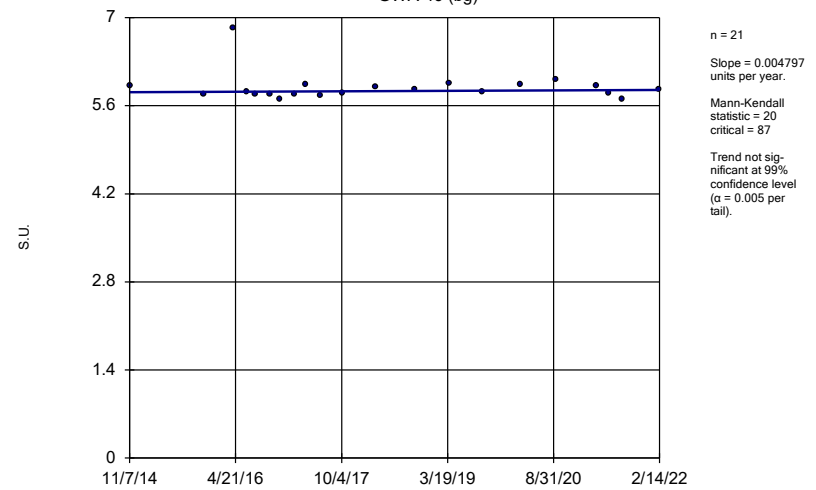
GWA-45 (bg)



Constituent: pH Analysis Run 4/7/2022 1:10 PM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

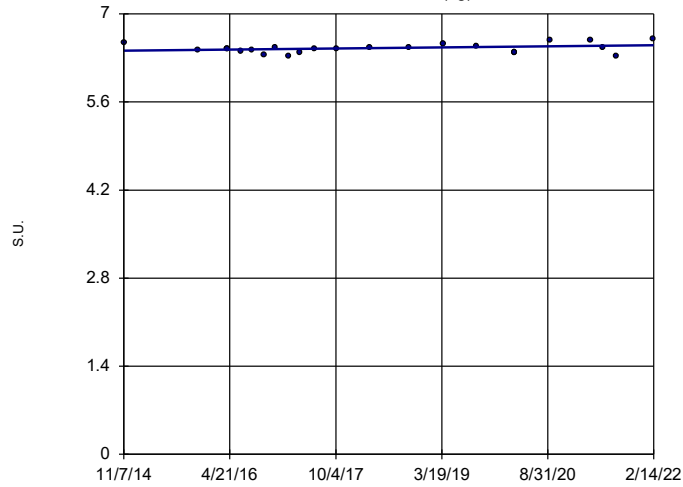
GWA-46 (bg)



Constituent: pH Analysis Run 4/7/2022 1:10 PM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

GWA-47 (bg)

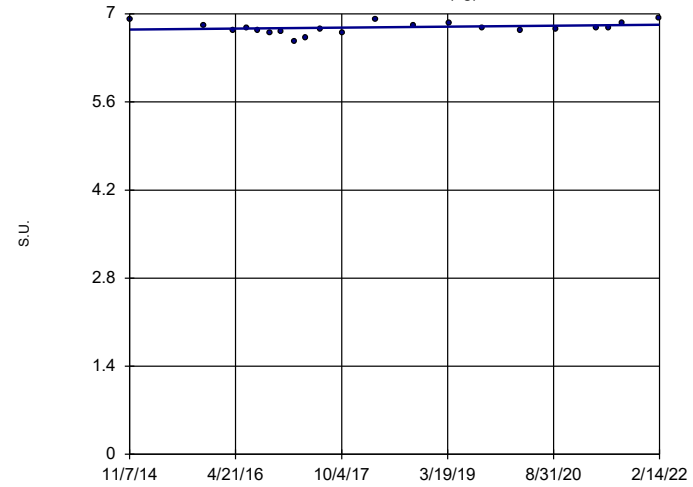


n = 23
 Slope = 0.01159
 units per year.
 Mann-Kendall
 statistic = 51
 critical = 98
 Trend not sig-
 nificant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: pH Analysis Run 4/7/2022 1:10 PM View: Appendix III - Trend Tests
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

GWA-48 (bg)

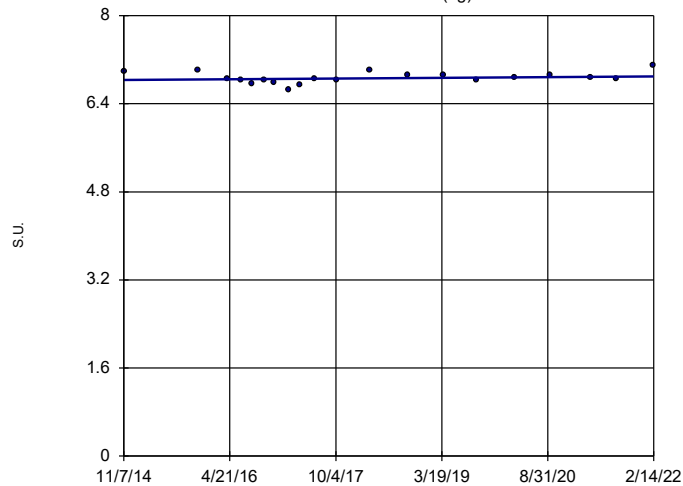


n = 21
 Slope = 0.01057
 units per year.
 Mann-Kendall
 statistic = 39
 critical = 87
 Trend not sig-
 nificant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: pH Analysis Run 4/7/2022 1:10 PM View: Appendix III - Trend Tests
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

GWA-49 (bg)

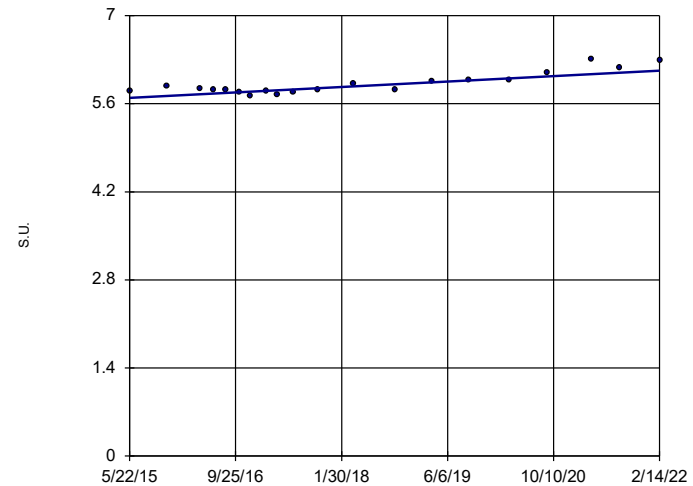


n = 20
 Slope = 0.008754
 units per year.
 Mann-Kendall
 statistic = 31
 critical = 81
 Trend not sig-
 nificant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: pH Analysis Run 4/7/2022 1:10 PM View: Appendix III - Trend Tests
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

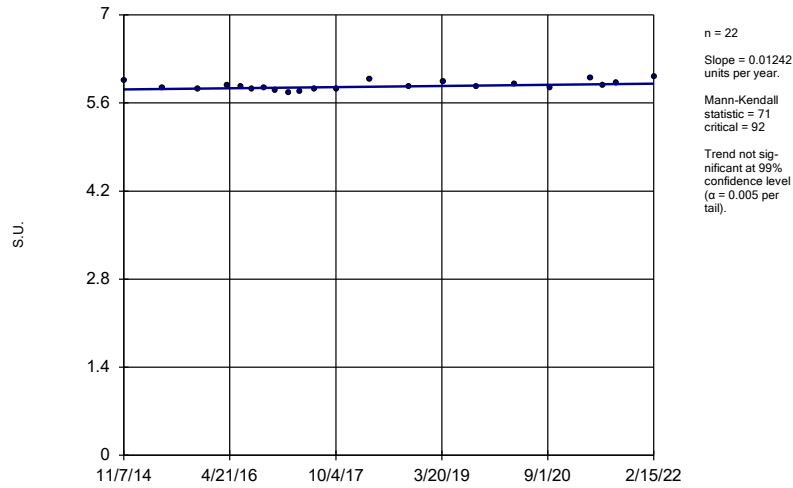
GWC-29



n = 20
 Slope = 0.06442
 units per year.
 Mann-Kendall
 statistic = 104
 critical = 81
 Increasing trend
 significant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

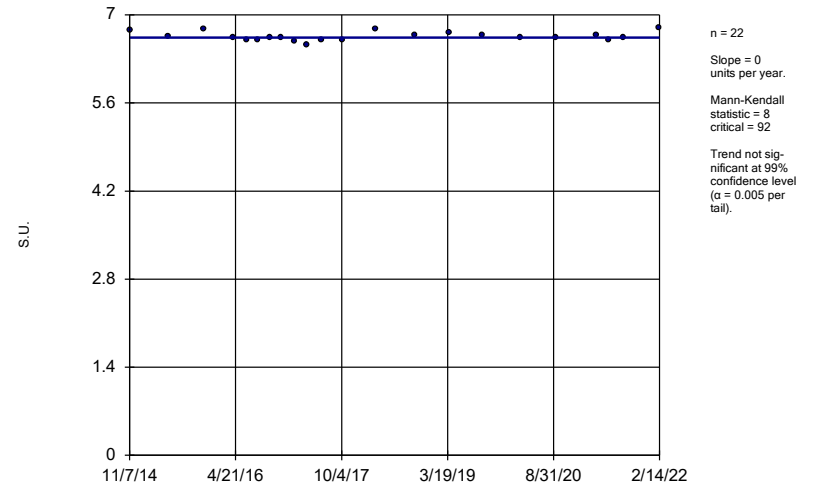
Constituent: pH Analysis Run 4/7/2022 1:10 PM View: Appendix III - Trend Tests
 Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator
GWC-51



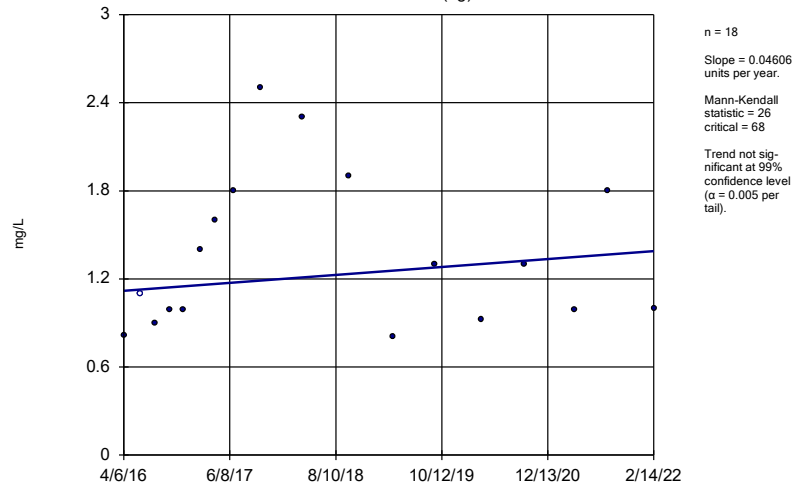
Constituent: pH Analysis Run 4/7/2022 1:10 PM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator
GWC-52



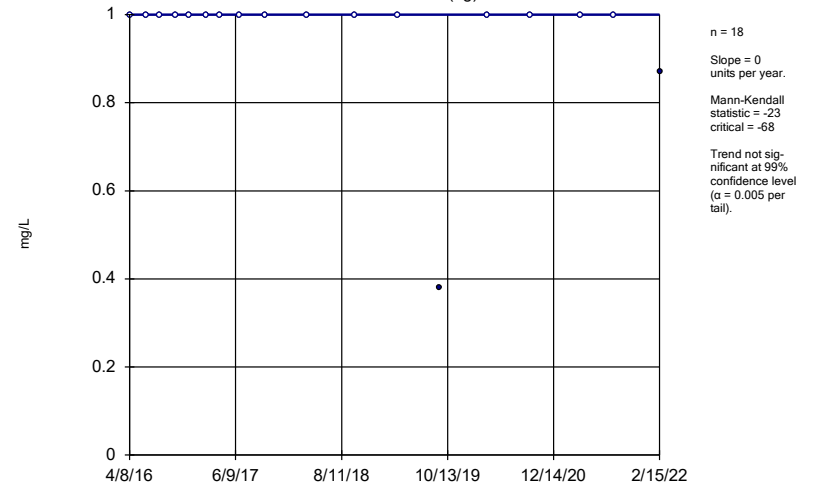
Constituent: pH Analysis Run 4/7/2022 1:10 PM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator
GWA-21 (bg)



Constituent: Sulfate Analysis Run 4/7/2022 1:10 PM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

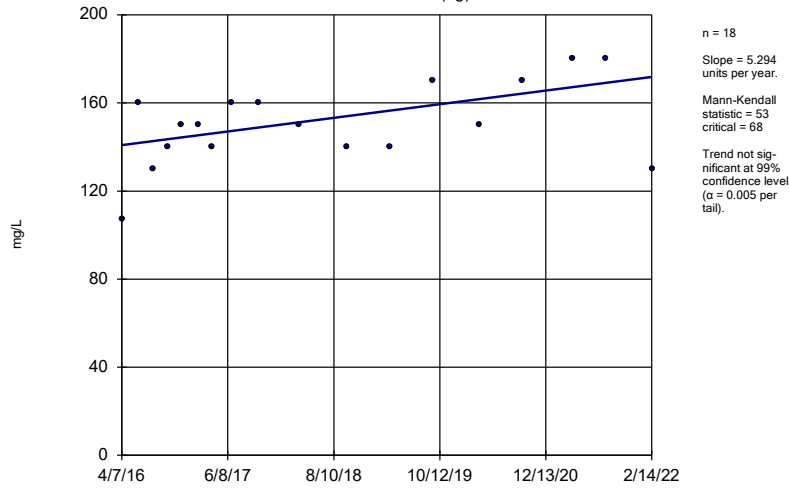
Sen's Slope Estimator
GWA-22 (bg)



Constituent: Sulfate Analysis Run 4/7/2022 1:10 PM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

GWA-45 (bg)

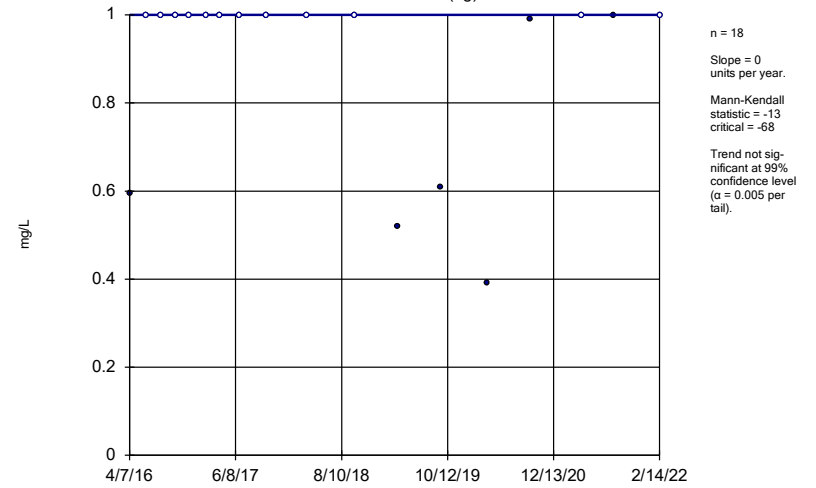


Constituent: Sulfate Analysis Run 4/7/2022 1:10 PM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Hollow symbols indicate censored values.

Sen's Slope Estimator

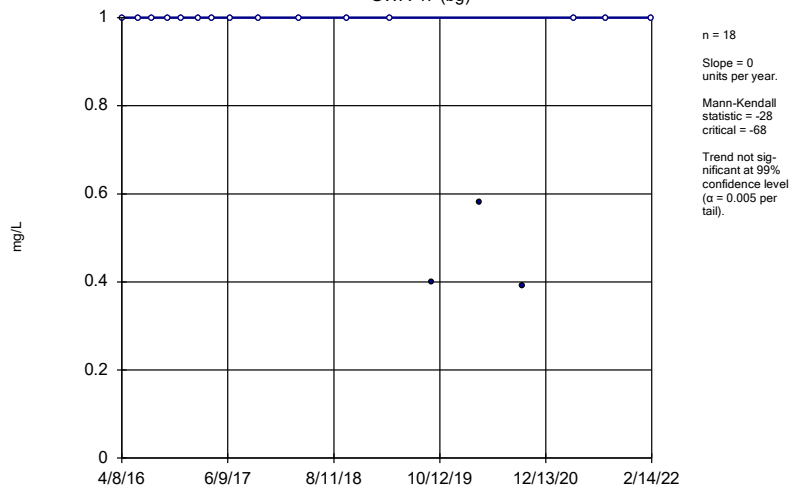
GWA-46 (bg)



Constituent: Sulfate Analysis Run 4/7/2022 1:10 PM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

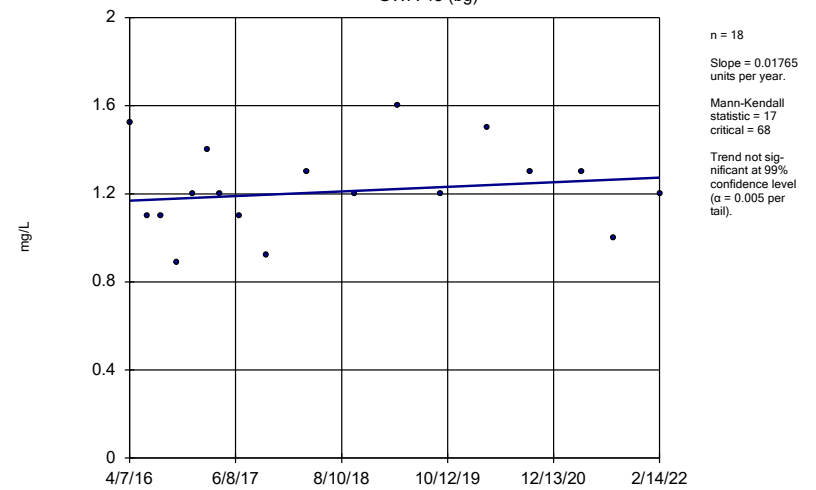
GWA-47 (bg)



Constituent: Sulfate Analysis Run 4/7/2022 1:10 PM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

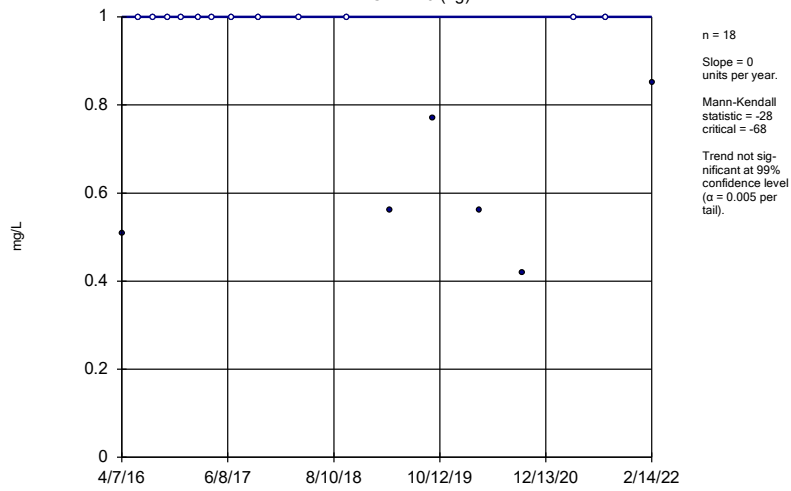
GWA-48 (bg)



Constituent: Sulfate Analysis Run 4/7/2022 1:10 PM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

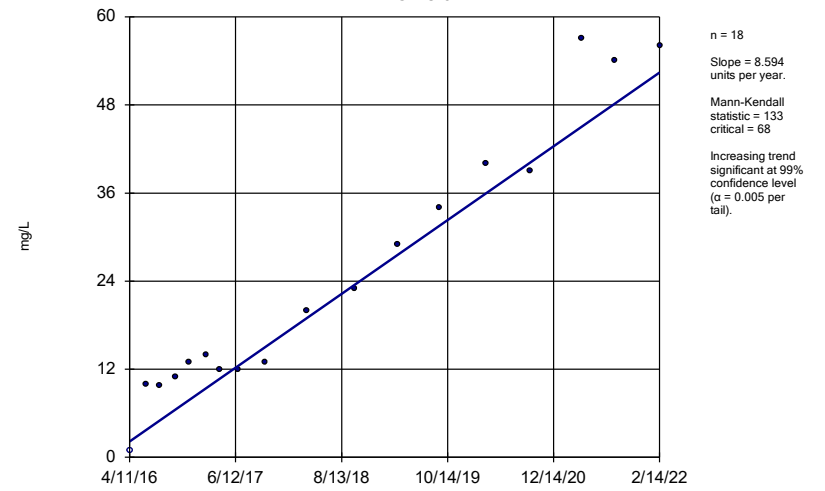
GWA-49 (bg)



Constituent: Sulfate Analysis Run 4/7/2022 1:10 PM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

Sen's Slope Estimator

GWC-52



Constituent: Sulfate Analysis Run 4/7/2022 1:10 PM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC-CCR

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